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Catalogue of Rollins College, 1922-1923

Rollins College

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JUNE, 1923

Rollins College Bulletin

Catalogue Number



Founded 1885

WINTER PARK, FLORIDA

Issued Quarterly, Admitted as Second-class Matter at Winter Park, Florida,
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1922/23

THIRTY-EIGHTH ANNUAL CATALOGUE

OF

Rollins College

WINTER PARK, FLORIDA

1922-23

WITH ANNOUNCEMENTS FOR 1923-24



Rollins is in the high pine land and lake region of Florida, having clear air, pure water, and charming scenery. Orange County is dotted with lakes, groves and rapidly growing towns, with wide brick roads connecting them.

425
1264

CALENDAR FOR 1923

JANUARY								FEBRUARY								MARCH								APRIL							
S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S		S	M	T	W	T	F	S	
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CALENDAR FOR 1924

JANUARY								FEBRUARY								MARCH								APRIL							
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25	26	27	28	29	30	31		29	30		27	28	29	30	31		24	25	26	27	28	29	30	
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SEPTEMBER								OCTOBER								NOVEMBER								DECEMBER							
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28	29	30		26	27	28	29	30	31	..		23	24	25	26	27	28	29		28	29	30	31	
..		30	

CAMPUS CALENDAR FOR THE YEAR 1923-1924

1923

Sept. 25, Tuesday, 9 a. m. Registration begins
 Sept. 26, Wednesday, 10:15 a. m. Opening exercises
 Nov. 29, Thursday Thanksgiving Day
 Dec. 21, Friday, 3:30 p. m. Christmas recess begins

1924

Jan. 2, Wednesday College reopens
 Feb. 1, Friday Midyear examinations end
 Feb. 4, Monday Registration for second semester
 Feb. 5, Tuesday, 8:15 a. m. Classes begin
 Feb. 21, Thursday Annual meeting of Board of Trustees
 Feb. 22, Friday, Rollins-Winter Park Founders' week: Civic Day
 Feb. 23, Saturday, Bachelier Prize contest and other Founders' week events.
 Feb. 24, Sunday Rollins Founders' Day
 April 26, Saturday, Annual Interscholastic Water Meet, Florida High Schools.
 May 1, Thursday May Day Exercises
 June 1, Sunday Baccalaureate Sermon
 June 4, Wednesday Final examinations end
 June 5, Thursday Commencement exercises

NOTE—It will be noted above that the Easter recess is omitted and the Christmas vacation shortened in order to close early in June and yet keep the regular thirty-six weeks of the standard college year.

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BOARD OF TRUSTEES

~~ROBERT J. SPRAGUE, Ph. D., Acting President~~
 WILLIAM R. O'NEAL, Secretary

Executive Committee

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 ARTHUR SCHULTZ CHARLES R. SWITZER
~~EVALINE LAMSON SMITH~~

Finance Committee

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~~WILLIAM C. COMSTOCK~~ ~~ROBERT J. SPRAGUE~~
 LUTHER W. TILDEN

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WILLIAM R. O'NEAL Orlando, Fla.
~~EDWARD H. BREWER~~ Winter Park, Fla. *Carlton*
 LOUIS BOISOT Chicago, Ill. *Or. C. W.*
 FRITZ J. FRANK, '96 New York, N. Y. *90 Iron*
 ARTHUR SCHULTZ Winter Park, Fla.
 HALSTED W. CALDWELL Winter Park, Fla.

Term to Expire 1925

~~WILLIAM C. COMSTOCK~~ Chicago, Ill.
 REV. GEORGE MORGAN WARD, D. D., LL. D. Billerica, Mass. *Palmer*
 IRVING BACHELLER, L. H. D., Lit. D. Winter Park, Fla.
 REV. GEORGE B. WALDRON Jacksonville, Fla. ✓
 REV. FRANK M. SHELDON Boston, Mass.
 T. W. LAWTON Sanford, Fla.
 HARLEY A. WARD Winter Park, Fla.

Term to Expire 1926

~~EVALINE LAMSON SMITH~~ Winter Park, Fla.
 CHARLES R. SWITZER Winter Park, Fla.
 EDWARD S. BURLEIGH Tavares, Fla.
 HARRY T. ROLLINS Des Moines, Ia. *90 R. H. C.*
 PAUL E. STILLMAN Jefferson, Ia.
 LUTHER W. TILDEN Winter Garden, Fla.
 NEWTON P. YOWELL Orlando, Fla. ✓
 DONALD A. CHENEY Orlando, Fla. ✓

FACULTY

Rollins College Faculty, 1922-23

ROBERT J. SPRAGUE, A. M., Ph. D. . *Acting President and Dean*

A. B., Boston U.; A. M., Harvard U.; Ph. D., Boston U.; Prof., History, Maine Wesleyan Woman's College; Prof., Economics and History, Knox College; Prof., Economics and Sociology, U. of Maine; Head of Division of Humanities and Prof., Economics and Sociology, Mass. Agricultural College; Special Lecturer in A. E. F. in France and Germany; two years travel and study in Europe; Investigator for Carnegie Institution at Washington; Fellow of Am. Association for Adv. of Science. Phi Beta Kappa, Phi Kappa Phi. Rollins College, 1921—.

REV. GEORGE MORGAN WARD, D. D., LL. D. . *President Emeritus*

IDA MAY BARRETT, R. N. *Dean of Women*

Student, Kalamazoo College; R. N., Training School for Nurses, Blodgett Memorial Hospital; one year's study of hospital methods in New York; Superintendent, 25 years, Blodgett Memorial Hospital; Dean of Women and Lecturer on Hygiene, Rollins, 1920—.

THOMAS RAKESTRAW BAKER, Ph. D. . *Director of the Museum*

Emeritus Professor of Natural Science; retired on the Carnegie Foundation.

SUSAN LONGWELL, A. M.

Emeritus Professor of English; retired on the Carnegie Foundation.

REV. CHARLES KIMBALL HOYT, A. M., D. D.

Emeritus Professor of History and Biblical Literature; retired on the Carnegie Foundation.

REV. WILLIAM HOUGH DRESCH, A. M., B. D., D. D., *Professor of Philosophy*

A. B., Ohio Northern U.; B. D., Garrett Biblical Institute; A. M., U. of Cincinnati; D. D., Rollins College; Instructor, Philosophy, U. of Cincinnati; Prof., Philosophy, Washburn College. Rollins, 1918—.

SUSAN TYLER GLADWIN, A. B. . *Associate Professor of Spanish*

A. B., Rollins; student, summer sessions, U. of Michigan, New York U., and Columbia U.; Teacher in Philippines three years; Teacher in Public Schools of Florida, eleven years. Rollins, 1916—.

JOHN ARTHUR PODMORE, B. Ed. . *Professor of Mathematics*

B. Ed., U. of Washington; Assistant Instructor, Chemistry, Lincoln High School, Seattle, Wash.; Winner, first prize, Ballard Oratorical Contest two successive years; Phi Delta Kappa. Rollins, 1920—.

RICHARD FEUERSTEIN, Ph. D. . *Professor of Modern Languages*

Ph. D., U. of Vienna; Graduate study in Philosophy in the Sorbonne, Paris; Professor, German and French in Staats Real-schule and Gymnasium, Vienna, for six years; Fellow in Modern Languages, U. of Pittsburgh. Rollins, 1921—.

H. D. FLUHART *Instructor in the Art of Painting*

Pupil of Richard Riter von Paschinger. Member of Society of American Artists of Paris. Member of American Art Club, Munich. Member of Art Club of Cincinnati, O. Director of Art Courses, Stetson U., Knox College, Earlham College. Rollins, 1922—.

AGNES M. GRAHAM, B. S., M. S. . *Associate Professor of History*

B. S., M. S., George Washington U.; Law courses, Columbian Law School; Special courses in History, Dickinson College; Travel courses in Europe and U. S.; Vice-Principal, Brounel Hall, Omaha, Nebr.; Instructor, History, Gibson School, Carlisle, Pa.; Instructor, Law, Washington High School for twenty years; one year head of Department. Rollins, 1921—.

ELDRIDGE HART, C. C. A., A. B., LL. B. . *Director of Business Administration Department*

C. C. A. Del. A. B., Browns-University of London; LL. B., Blackstone; Formerly Special Auditor for N. Y. C. and Penn. Ry.; Member National Association of Comptrollers; Ass't Professor, Accounting University of Wyoming; Ass't Prof., Accounting and Transportation, U. of Florida. Rollins, 1921—.

RUTH S. HART . . . *Director, Physical Education for Women*

Graduate, Northwestern U. Dept. of Physical Education, Morse School of Expression, St. Louis, Mo., and Northwestern School of Oratory; Instructor, Physical Education for Women, U. of Wyoming; Lecturer, Hygiene, Play and Playgrounds, U. of Wyoming Summer School; Supervisor of Playgrounds, Taylorville, Ill., Hamilton College of Law. Rollins, 1921—.

ELIZABETH DOUGLAS MERIWEATHER, A. B. . . . *Librarian*

A. B., Rollins College; Instructor in Industrial Arts, Rollins; Librarian, Rollins, 1921—.

MINERVA SANFORD, A. B., A. M. . *Associate Professor of Latin*

A. B., A. M., Baldwin-Wallace U.; Instructor in Latin, College of the Ozarks. Rollins, 1921—.

ANDREW WILSON ASHBURN, A. B., A. M. . . . *Professor of English*
A. B., Trinity U.; A. M., U. of Virginia; Principal, Rural High School, Penelope, Texas; Superintendent, High Schools, Penelope, Texas; Instructor, Trinity U.; Prof., Mathematics, Clarendon College; Prof., English, Daniel Baker College; Instructor of Bayonet and Coach, United States Army; Athletic Director of Chautauqua and College teams. Rollins, 1922—.

PANOS BOOZIOTES *Instructor in Art*
Studied in Illinois Wesleyan College and Art Institute of Chicago; Pupil of Leopold Seyffert, Harry Stickroth, Wellington J. Reynolds, Karl Buehr, Antonin Sterba, John Norton; Instructor, Saturday School, Art Institute of Chicago; Instructor in Art, Rollins, 1923—.

H. B. BOICE, A. B., A. M., M. D. *Physical Examiner*
A. B., A. M., Middlebury College; M. D., New York U.; Student of summer courses, Harvard, Yale, Columbia and Chautauqua; Physical Examiner, Bordentown Military Institute; Director of Physical Training, State School for the Deaf, Trenton, N. J.; Director, Department of Hygiene and Physical Training, State School, Trenton, N. J., for 29 years. Rollins, 1922—.

MARTINE FITZHUGH, A. B. . . . *Instructor in Secretarial Science*
A. B., Owensboro College for Girls; B. C., Peabody College for Teachers; Graduate, Gregg School, Chicago; Head, Commercial Dept., New Orleans City High School; Instructor in Stenography, Technical High School, Elwood, Ind. Rollins, 1922—.

ORPHA GREY, A. B. *Instructor in Expression*
A. B., Oberlin; Normal School of Expression, Chautauqua, N. Y.; Special work, Boston School of Oratory and Principal, High School, North Amherst, O.; Principal, Custer County High School and head of English and Expression Depts., Miles City, Montana; Principal, Normal Dept., Montana Institute; Head of Summer School of Expression and Story Hour for Children at Mitiwanga-on-the-Lake, Ohio; Head of Department of Expression, Cathedral School, Orlando. Rollins, 1922—.

JAMES HAROLD HILL, A. B. *Instructor in Journalism*
A. B., Rollins. Rollins, 1922—.

T. O. MABRY, A. M., M. S. *Professor of Chemistry*
Ph. B., U. of Mississippi; A. M., U. of Mississippi; Graduate student, U. of Virginia, Harvard U.; M. S., U. of Chicago; Special assistant to U. S. Geological Survey; Assistant Professor, Chemistry, Biology and Geology, U. of Mississippi; Head Department Natural Science, Winthrop Normal and Industrial College, S. C.; Acting head, Department Chemistry, Physics and Biology, Louisiana College; Head of Department Chemistry and Biology, LaGrange College. Rollins, 1922—.

VIRGINIA CLARK PODMORE, A. B. . . . *Instructor in English*
Graduate, Whitworth School of Oratory; A. B., U. of Washington; Graduate work, U. of Washington; Principal of Public Schools, Afognak, Alaska; Graduate work, Emerson College of Oratory; Instructor in English, Orlando High School. Rollins, 1922—.

G. R. SCHWARZ, LL. B. . . . *Associate Professor of Law and Business Administration*
LL. B., Washington U.; Instructor in Law Dept., Business Administration, U. of Wyoming. Rollins, 1922—.

J. C. TH. UPHOF, M. S., Ph. D. . . . *Professor of Biology*
B. S., College of Agriculture and Horticulture, Frederiksoord; M. S., U. of Amsterdam; Ph. D., Highland U.; Graduate study, Botanical Garden and Institution of U. of Berlin, universities of Switzerland, Italy, France and Belgium, Sweden, Norway, Denmark, Royal Botanical Gardens, Kew, and British Museum for Natural History, London; Instructor Botany and Curator, Botanical Garden and Herbarium, Michigan Agricultural College; Assistant Professor, Botany and Plant Breeding, U. of Arizona; Botanist and Plant Breeder, Arizona Agricultural Experiment Station and in charge of plant disease survey for Arizona; Director, Experiment Station for Plant Breeding and Genetics, Amsterdam, Holland, contributor to various American, British, German and Dutch botanical and horticultural periodicals; Author of *Die Pflanzengattungen*, Leipzig, 1910; Professor of Biology, Rollins, 1922—.

MARY A. WELSH, R. N. . . . *Dietitian and Professor of Home Economics*
Ursuline Convent, Quebec; R. N., Training School for Nurses, Blodgett Memorial Hospital; special work in Dietetics, Leland Stanford U. and U. of Chicago; Chief Dietitian, Hospital Ship Relief and Manila General Hospital; Assistant Superintendent and Dietitian, Blodgett Memorial Hospital; Principal, Training School and Superintendent of Nurses, University of Michigan. Rollins, 1922—.

*Conservatory of Music***CHRISTINE HAYWARD Director**

Graduate, New England Conservatory of Boston and Northampton, Mass.; Institute of Music Pedagogy; Music Supervisor in Massachusetts; Piano pupil of Carl Baerman and Carl Faeltén. Rollins, 1922—.

EMIL SCHULLER Violin

Graduate of Conservatory, Leipzig; Pupil of Edward Rappoldi, Dresden; with Symphony Orchestras, Berlin, Leipzig, Vienna, Dresden; Teacher in Milan, Italy; Royal Albert Hall Orchestra, London; Teacher in Rome, Italy; Teacher in New York, Baltimore Music School, Southern College, College of Ozarks; Shorter College. Rollins, 1922—.

BERTHA HART, Mus. B. Piano

Mus. B., Oberlin Conservatory of Music; Pupil of Theodore Wiehmayer in Leipzig, Raoul Pugno in Paris and Ernest Hutcherson in Chautauqua, N. Y.; Instructor in Piano, Tabor College, Iowa; Cornell College, Iowa; Cosmopolitan School of Music, Chicago; Pomona College, California. Rollins, 1922—.

MAE ATKINSON BRYAN, Mus. B. Piano

Mus. B., Flora McDonald College; Studio in Florence, S. C.; Graduate, Rollins Conservatory under Marion Rous. Rollins, Course in Pedagogy, Peabody Conservatory of Baltimore. Rollins, 1922—.

HAZEL WATTS Piano

Graduate, Rollins Conservatory under Marion Rous; Rollins, 1921—.

JEAN KNOWLTON Voice

Pupil of Tabuyo in Madrid, Spain, and of Mary Peck Thompson in Chicago; Assistant to Miss Thompson; Concert Singer, Costume recitalist and Teacher. Rollins, 1920—.

LILLIAN ELDRIDGE, Ph. B. Voice

Ph. B., Stetson U.; Pupil of Jean Knowlton; Music Supervisor, Orlando High School. Rollins, 1921—.

ELIZABETH KEDNEY KRAUSS Violin

Pupil of J. C. Allen, Lotta Greenup, Sol Marcisson and Musin. Rollins, 1917—.

OFFICERS OF THE FACULTY AND CAMPUS

ROBERT J. SPRAGUE
Acting President and Dean

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Librarian

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Superintendent of Grounds and Buildings

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Physical Director of Women

ANDREW ASHBURN
Physical Director of Men

MINERVA SANFORD
Matron of Lakeside Dormitory

MARY S. STELLE
Manager of the Commons

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T. O. MABRY

ELDRIDGE HART

SPECIAL LECTURERS, 1922-23

IRVING BACHELLER, Litt. D., L. H. D., author.

RICHARD BURTON, Ph. D., Litt. D., lecturer and author.

EDWIN MARKHAM, poet.

ROGER BABSON, statistician.

GEORGE W. NASH, LL. D., president of the Congregational
Foundation for Education.

C. WALDO CHERRY, Presbyterian minister of Harrisburg, Pa.

WILLIAM J. HUTCHINS, D. D., president of Berea College, Ky.

NEHEMIAH BOYNTON, D. D., Congregational minister of Brook-
lyn, N. Y.

REV. LINCOLN McCONNELL, LL. D., lecturer.

GENERAL INFORMATION

LOCATION AND ENVIRONMENT

The City of WINTER PARK, the seat of ROLLINS COLLEGE, is located on the main line of the Atlantic Coast Line Railway, one hundred and forty-two miles south of Jacksonville, and ninety-six miles northeast of Tampa. It is within four miles of the city of Orlando, and connected with the latter metropolis by an excellent brick-paved road.

Winter Park has an enviable reputation as one of the most delightful, healthful and progressive communities in the state. It is situated in the high pine region of South Central Florida, amidst the orange groves, lakes and subtropical forests. It rambles around the most beautiful lakes of the state, practically every street either terminates in a lake or encircles one.

The city of Orlando, Winter Park's big twin sister nearby, has over a dozen lakes within its borders, about which its beautiful homes and institutions are built. Orange county has over a thousand lakes and Rollins is in the midst of them, all bordered by the luxuriant subtropical vegetation and populated by the abundant tropical wild life, of fish, alligators, turtles, herons, etc. Fish and game are abundant through this high region. Great Lake Apopka, regarded as the best fishing lake in Florida, lies a little west of Winter Park and Orlando.

The mild, dry winter climate, and rare frosts, make possible an all-year-round outdoor life with continuous exercise in land and water sports that insures vigorous health.

Stormy or cloudy weather is of rare occurrence and of short duration. The almost unbroken continuity of days of sunshine makes "colds" and other health depleting epidemic diseases of the respiratory organs almost a negligible quantity.

Young people subject to the above ailments, and those lacking in vitality for the best physical development, here mature sound, vigorous bodies and lay the foundation for the strong constitutions and good health essential for physical well-being and success in later life.

The civic and social environment of the college community is in keeping with its unique physical advantages and scenic location. The town is noted for its clean, brick-paved, oak-shaded streets, attractive residences, well-kept grounds and parks; its up-to-date public buildings include the public school, banks, Woman's Club, Men's Club, churches, etc. There is also a country club with an eighteen-hole golf links, considered among the best in the state. Great beautiful hotels occupy scenic locations around the lakes which preserve their wild nature and wonderful vegetation.

Winter Park has the finest of pure water, a sanitary sewer system and the whole region is entirely free from malaria.

Many noted authors and eminent men from all over America have their winter homes here and the winter season is crowded with lectures, concerts and other interesting affairs of the highest quality.

THE CAMPUS

The Campus, consisting of twenty-five acres, well-shaded by pines and oaks, skirts the north shore of Lake Virginia for nearly half a mile, affording excellent athletic grounds, bathing and boating facilities. Water is supplied to all parts of the campus from a large Kewanee tank and well-equipped pumping station.

BUILDINGS. There are nine principal buildings on the campus, viz:

Carnegie Hall, containing the Library, Administration Offices and several class rooms.

Knowles Hall, containing the Chapel, Laboratories, Thomas R. Baker Museum and Recitation Rooms.

Chase Hall, a beautiful and modern men's dormitory.

Lyman Gymnasium with running track and adequate apparatus.

Cloverleaf, a fine three-wing dormitory for women.

Lakeside, another women's dormitory.

Pinehurst, the home of the Conservatory of Music, containing studios, practice rooms and offices.

The Commons, or general dining hall.

The Art Studio, a small building devoted to studios and various types of Art work and instruction.

These buildings are all along the heights around Lake Virginia where they get the lake views and breezes.

Besides these are Sparrell Cottage and the fraternity and sorority houses in the south side of the town.

THE THOMAS R. BAKER MUSEUM

The Museum occupies a large part of the second floor of Knowles Hall and contains a valuable collection of specimens which are of great use in the academic equipment of the College. Since its foundation Dr. Thomas R. Baker, Professor Emeritus, Ph. D., has been in charge of the Museum and with him as director it has been given his name. He deserves the highest credit and cooperation on the part of all students, alumni and friends of the College, because of his continued devotion and years of self-sacrificing effort in the interest of the various collections of the Museum. Any persons having material, or knowing where such is located, which may be obtained for these collections are urgently requested to notify Dr. Baker with a view to his taking steps for securing it. The Museum now contains over 10,000 specimens. Recent additions and contributions have been made by the following people: Mrs. C. L. Smith, Mr. Horace Engle, Mr. and Mrs. R. Dhu McDonald, Mr. Henry Banks, Mrs. Mary Bell, H. W. Barnum, Mrs. S. R. Hudson, Mrs. George L. Dyer, Mr. W. H. Johnston, Mr. Hiram Powers, Mrs. Girard Denning, Dr. C. E. Coffin, Mrs. James MacGlashan, Mr. C. Darwin Preston, Mrs. E. G. Preston, Miss A. C. Kendall, Richard Potter, R. N. Seymour, Dr. Thos. R. Baker and Mrs. T. R. Baker, Rev. R. R. Kendall (lately deceased), A. F. Shreve, Mrs. L. W. Priest, Miss A. Z. Baker, Clarence B. Chubb, George S. Denning, Grace O. Edwards, Walter Schultz, Col. A. E. Dick and Lawrence S. Chubb.

The various articles and specimens given to the Museum by the people named above are too numerous to mention in the

catalogue, but the College is very grateful to all of these men and women for their interest in building up the collection and wishes to invite others to help keep the collections growing in usefulness.

The Alumni Association voted at a recent meeting to make a yearly payment for the progressive upkeep of the Museum and this kindly act will be of great benefit.

Among the special collections in the library are: The Irene Sims Memorial French Library, the Theodore L. Day collection (theological) and the Myron A. Munson (literary and scientific). The last mentioned was donated this current year.

CAMPUS ASSOCIATIONS

THE COOPERATIVE STORE. Under the management of the Business Department, a student store, "The Co-op," is run for the convenience and profit of the student body. The various things which students buy are kept, including athletic goods, pennants, stationery, books and classroom supplies. The marginal profit made is turned over to the treasury of the Students' Association and is applied to student activities.

THE ALUMNI ASSOCIATION. The Alumni Association was founded in 1893 by Miss Clara Louise Guild, A. M., first graduate of Rollins College, and has been doing much since that time to extend the influence of Florida's oldest institution of higher learning.

The Association is at present devoting its efforts to building up the Thomas R. Baker Museum in cooperation with Dr. Baker.

The Association has one representative on the Board of Trustees. The present Alumni trustee is Supt. T. W. Lawton, '03, of Sanford.

The annual meeting of the Association takes place on Alumni Day of Founders' Week in February. The present officers are:

Warren M. Ingram, '22, President.

Miss Amelia Kendall, '22, Vice-President.

Miss Susan T. Gladwin, '99, Secretary.

Frederic H. Ward, '21, Treasurer.

THE BACHELLER PRIZE CONTEST

The High School Senior students of Florida are invited to come to Rollins during Founders' Week and deliver original orations in competition for the prizes offered by Mr. Irving Bacheller. The orations are all sent in to a board of judges and the authors of the best ones are called to Rollins to deliver them. This contest constitutes one of the best occasions of the year.

STUDENT ACTIVITIES

THE STUDENT ASSOCIATION. Upon registration a student automatically becomes a member of the Student Association which controls all student enterprises. All questions connected with these activities, before being presented to the Association, must first be approved by the Executive Committee of the Association which is composed of representatives from the student body and faculty. The following activities are included in this Association:

ATHLETICS. Major and minor sports are under the control of the Athletic Council, composed of representatives from the student body, faculty and alumni; intercollegiate schedules are arranged in football, basketball and baseball games.

Women students have an expert Physical Director for their sports with special instructors for swimming and water sports. The College features the æsthetic type of sports for women rather than the muscular, because this leads to womanly health, grace and happiness.

WATER SPORTS AND MEETS

Rollins is perfectly located for water sports and these take a large place in the activities of the campus.

The Florida State Interscholastic Meet is held annually off the shores of the campus.

In September, 1922 (1st and 2nd), the Southeastern Amateur Athletic Union held its meet for the Southeastern States at Rollins. At the Florida State Meet twenty-four silver cups were given to the various victors.

The providing of these cups is especially due to the efforts of Mr. Henry Kart and Mr. M. J. Daetwyler. Other contributors for the cups who have greatly assisted in making the Meet possible are:

D. K. Dickinson.	W. H. Schultz.
H. W. Caldwell.	Standard Auto Co.
Marguerite Hamilton Kart.	Union State Bank.
Franklin O. King.	F. W. Shepherd.
Orlando Rotary Club.	Winter Park Auto Co.
Evans-Rex Drug Co.	Dr. Edward Lippincott.
Winter Park Land Co.	Winter Park Pharmacy.
Orlando Lions Club.	Greenleaf & Crosby Co., Jackson-
Winter Park Business Men's Club.	ville.
Winter Park Plumbing Co.	Superior Nurseries.
Ralph Lucius.	Bank of Winter Park.
R. F. Leedy.	Orlando Chamber of Commerce.
Roy Symes.	A. R. Douglass, Orlando.
A. Schultz.	

The Florida State Interscholastic Baseball Championship Meet is scheduled to come to Rollins.

Mr. W. W. Rose, of Winter Park, has donated the Championship Cup which was competed for the first time in May, 1922, and will be competed for thereafter for two years.

STUDENT GOVERNMENT

The government of every college campus should be based on the common principles of citizenship, self-government and responsibility. For this purpose the Rollins student body is governed under the following system:

1. A student senate composed of both men and women representatives from all the important interests on the campus;
2. A men's student council, and
3. A women's student council.

These bodies cooperate with the advice of a faculty committee in making and enforcing the regulations of the campus.

Each dormitory, fraternity or sorority house has its own internal organization for self-government insofar as they do not conflict with the general regulations.

SANDSPUR. This is the weekly newspaper published by the students during the college year. The editors are elected by a board consisting of the existing editorial staff together with three members of the faculty who act in an advisory capacity. The editorial conduct of the papers is in the hands of the editor and his associates, who are responsible for its policy. This paper was established in 1894.

DELPHIC SOCIETY. This organization is maintained for the purpose of promoting dramatics, debating and cultivating the taste for music and literature. Its membership includes both young men and young women. Under the direction of the Advisory Board on Lectures and the Director of the Conservatory, nationally prominent lecturers and concert artists are brought to Winter Park.

OTHER ORGANIZATIONS. Other organizations which are a part of the Association are: Y. M. C. A. and Y. W. C. A. These organizations are the centers of the religious life of the students. Devotional services are held each Tuesday evening. Occasionally union services are held. The Y. W. C. A. annually gives a holiday bazaar, the proceeds of which are donated to the West Tampa Mission, founded by a Rollins alumnus, the Rev. Fred P. Ensminger. Funds are also raised with which to send delegates to the Southern Student Conference at Blue Ridge, N. C.

TOMOKAN. This is the college year book, picturing the work. It is published from time to time on a subscription basis.

GLEE AND OTHER MUSICAL CLUBS AND ORCHESTRA. The work of these organizations is under the direction of the Conservatory of Music. Several concerts are given in Winter Park and other Florida cities.

PAN-HELLENIC ASSOCIATION. This association is composed of the following Greek-letter societies for women: Kappa Epsilon (1902), Sigma Phi (1920), and Phi Omega (1921).

INTER-FRATERNITY COUNCIL. This organization is composed of the following fraternities: Phi Alpha (1903), Alpha Alpha (1913), and Tau Lambda Delta (1921).

CHRISTIAN EDUCATION

Rollins students are required to attend religious exercises in Chapel five times during each week and to attend a regular church service on Sunday. Rollins does not teach religious dogma, but endeavors to maintain a wholesome religious atmosphere and work for the development of Christian character by means of the Y. M. C. A., Y. W. C. A., special speakers at chapel, a strong college evangelist each year, the teaching of Christian philosophy and ideals in the class rooms, and required Bible courses.

It is the special effort of the Faculty that principles of justice, square dealing and Christian manhood should permeate the athletic and sporting activities of the student body. All athletic managers are instructed and urged to build up this spirit of righteousness in the conduct of their various enterprises.

Bible study of both Old and New Testaments is required of all graduates through two years.

Besides these courses in Bible, there have recently been established courses in the History of Religions and the History of Christianity.

Books wanted in Religions and Christianity:

Modern books are wanted in these subjects and any friend of the College having such which he would donate is requested to communicate with the Librarian on the subject.

THE CHAPEL ASSOCIATION

The Chapel Association, of which Mr. Irving Bacheller is President, has brought to the College Chapel on Sunday evenings throughout the year many of the most eminent men of the country in Religious, Literary, Philanthropic, Journalistic and other active lines of work. The plans of the Association are more extensive and interesting for 1923-24.

The Association has recently established a trust fund as a beginning for the donations for the building of a new auditorium.

THE COLLEGE

ADMISSION AND CREDENTIALS

Candidates for admission to the College should present the following credentials:

1. Testimonials of good character. Such testimonials should, when obtainable, be from the principal of the secondary school from which the candidate has been graduated and from the pastor of the church which he or she habitually attends.

2. A certificate or diploma, or a certified copy of it, showing the graduation of the candidate from an approved secondary school.

3. A transcript, properly certified, showing the subjects studied and the grade obtained in each. This transcript should show the number of weeks during which each subject has been studied, the number of recitation periods per week and the length of the period. The College will furnish blanks for this transcript if desired. Students desiring the College to do this should notify the registrar in advance of the opening of the College.

Note.—Students unable to present credentials, Nos. 2 and 3, must take an examination in the required subjects.

4. Matters of discipline, rules, regulations, etc., are determined by the proper College authorities. Continued neglect of studies, continued ignoring of College regulations, or persistent conduct prejudicial to the moral welfare of the College will be considered sufficient ground for severing a student's connection with the institution after due admonition.

ADVANCED STANDING. A candidate for advanced standing in the College must submit a transcript from the records of a college of rank equal to that of Rollins, showing satisfactory grades in the subjects for which credit is desired. Such students must also bring testimonials with regard to their good moral character.

Advanced standing may also be obtained by examination in the subjects for which credit is desired.

ENTRANCE REQUIREMENTS. Fifteen units of work satisfactorily completed are required for admission to the College. The greater part of this work must be in subjects specified below. Properly certified credentials, as indicated below, showing the completion of the required number of units of work in a standardized secondary school, will admit a student to the College without examinations.

The following definition of a "unit" as agreed upon in a conference between the Carnegie Foundation for the Advancement of Teaching and the National Committee on Standards of Colleges and Secondary School is the one accepted by the College and is used in this catalogue. "A unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work."

In making this definition, it is assumed that the school year is not less than thirty weeks, and that the recitation periods are not less than forty minutes long.

ADMISSION BY EXAMINATIONS. Candidates for admission to the Freshmen Class who do not bring acceptable certificates or diplomas may be admitted by an examination in any or all subjects. These examinations may be taken on the day preceding Commencement in June or on the day preceding registration in September.

The subjects required for admission and the number of units in each are shown in the following tables:

Language:	
Latin	
Greek	
German, or French, or Spanish	2
English	3
Mathematics	2½
History and Civics	2
Science	1
Electives	4½
Total	15

Note—Not less than two units must be presented in any language for which credit is desired.

REGISTRATION. Every student must register at the appointed office before entering any class. Registration after the regular day appointed for such will cost two dollars extra.

All students, unless excused by the Dean for adequate reasons, must register for a minimum of fifteen hours.

SPECIAL STUDENTS

Students who can fulfill the College entrance requirements and who wish to pursue special courses of study, without being candidates for degrees, may be admitted to classes for which they are adequately prepared. The organization of special classes for such students cannot be promised, but when enough candidates appear to justify such action it might be done.

The College does not wish to encourage the registration of special students, but will accommodate a limited number of them to meet the needs of important cases and the necessities of the community as far as it is not inconsistent with the fundamental purposes of the College.

The admission and control of special students in academic matters rest entirely with the Dean and the Scholarship Committee.

PHYSICAL EDUCATION

The College plans to require regular physical exercises for all students. The college student should finish his course of study in the finest possible physical condition after four years of regular training along with his academic work.

The general plan is to have all students work out their physical requirements in open-air games, except in cases where special corrective exercises may be necessary in the Gymnasium.

Open-air activities can be carried on throughout the year almost absolutely without interruption by the weather.

Rollins especially features water sports in which she has unexcelled facilities for swimming, sailing, canoeing, aqua-planing. All of the college land sports are played in their seasons.

WOMEN AND ATHLETICS

Rollins women are all required to learn to swim 50 yards, then they can enter the canoes and be trusted on the lakes, and go into water sports in general. Rollins does not believe much in the heavy type of athletics for women, such as basketball, jumping, etc., but she encourages æsthetic and musical exercises which promote grace, carriage, cheerfulness and womanly health, rather than muscular strength and stunts.

All students are given physical examinations, but girls are most thoroughly examined by an expert director and an experienced physician and given corrective exercises according to their individual needs. A trained and experienced expert is in charge of this work.

GRADUATION, DEGREES, GENERAL REQUIREMENTS

For the regular Liberal Arts studies, the College ordinarily confers only the Bachelor of Arts degree, but the Bachelor of Science may be conferred upon those who have shown unusual excellence and intensive study in scientific work.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS. This degree will be conferred upon students who complete satisfactorily 128 semester hours according to the prescribed courses and who satisfy all other requirements of the College. The candidate for a degree must meet the requirements of his selected major group of studies.

The work for a degree is planned for four full years of study, and has a prerequisite of four years of secondary school work or its equivalent. Students of rare ability who can make such high marks as to permit of constant over-registration may shorten this time a little, but such an accomplishment is rarely done and is not encouraged, unless the circumstances fully justify it.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE. The Bachelor of Science course is made up for those students who wish to concentrate upon science.

The language requirements for the B. S. degree will be determined in each case by the major instructor. The candidate must

major in some branch of science and fulfill the requirements of his major department accordingly.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC. The degree of Bachelor of Music is conferred by Rollins College upon completion of four years' work in practical and theoretical music with related collegiate courses.

For this degree two courses may be followed: (a) the Artist Course, which majors in voice or instrument and prepares the student for concert work, or teaching, and (b) the Public School Music Course, which prepares the student for the work of Public School Music Supervisor.

DEGREE OF MASTER OF ARTS. The Master's degree has been conferred in the past upon a very few individuals who have done advanced work of an unusual quality. The College does not seek graduate students, and only those who can find here especially the material for Post-graduate study of an intensive character are accepted. The Master's degree will be granted only on the completion of one full year's work in residence, the candidate passing the courses with an average of 90 per cent or above, and the preparation of a thesis giving evidence of thorough research in some chosen and accepted subject.

Anyone desiring to undertake such advanced work should confer directly with the Dean for special consideration of his case.

RESIDENCE STUDY. Any student seeking a degree of any kind from Rollins must put in one full year of residence study at Rollins. Full credit will be given to work done in other institutions of an equal grade with Rollins, but no more than three years for such can count towards a Bachelor's degree.

GENERAL REQUIREMENTS FOR DEGREES. The amount of work required of candidates for the baccalaureate degree is measured by semester hours. A semester hour is one sixty-minute period of work per week throughout one semester. The requirement of candidates for a degree are sixteen such hours per semester, or one hundred and twenty-eight semester hours of satisfactory work as a prerequisite for graduation. Credit for not more than

thirty-six semester hours may, at the discretion of the Faculty, be allowed for work done in the "Conservatory of Music."

All candidates for degrees must complete the required courses of study to the satisfaction of the Faculty; must maintain that standard of morality and character which is consistent with the ideals of Rollins, must have a minimum of one full year of residence study at the College, and must have satisfied all other college requirements including the payment of all semester bills.

Such candidates must have a working knowledge of one or more foreign languages according to the specifications and plans of his major requirements.

No student will be permitted to carry more than eighteen semester hours of work at one time without permission of the Dean. The number of hours in pre-professional courses will be governed by the regulations and needs of that work. In general, students are not permitted to register for more than the regular number of semester hours unless they have made in the previous year an average of more than eighty in all subjects, and have failed in none.

MAJOR GROUPS OF STUDY. Candidates for degrees are each required to complete a major group of studies of not less than twenty-four semester hours of work, not including the required courses of the Freshman year, along some selected line in which the College is well-equipped with facilities and instructors.

The candidate's major work is done under the direction and advice of a major instructor who advises and assists in making up the group of closely related courses which will lead to the purpose desired by the student. The major course of a candidate should be reported by the major instructor to the Scholarship Committee and ratified by it.

The principal fields in which majors can be made up are:

Business Administration.	Philosophy and Bible.
(a) Professional and Cost Accounting.	Biology.
(b) Business Administration, or,	Chemistry.
(c) Banking.	Mathematics.
Economics and Finance.	Modern Languages.
English and American Literature.	History.

The catalogue cannot specify in detail of what courses major groups can consist, but the group is made up under the direction of the major instructor according to the needs and objects of the student. Some major groups may require more than the minimum twenty-four semester hours, if in the judgment of the major instructor and the Scholarship Committee more hours are necessary for an adequate rounding up of the major subject.

A major taken in the Department of Business Administration requires an extra number of credit hours and is governed by the regulations of that department.

Major groups of study should be selected not later than the beginning of the Junior year, and in some majors it is of great advantage to make the selection and plan the work earlier than that time. Adequate assistance will be given by the Dean and Advisors to aid them in settling these questions.

GREAT OBJECTS OF A COLLEGE COURSE

The objects in view of a course of study in college are in general:

1. Self-development and self-realization of the individual, the training of the talents and the fulfillment of the personal possibilities which are given to every student by the Creator.

2. Preparation for getting a living, the acquisition of that basic knowledge which will enable the student to succeed in the practical affairs of life and to develop efficiency and power to attain supremacy in his life's work.

3. Preparation for citizenship and training in self-government which will enable the college graduate to be a leader in the civic, political and social progress of his day and to carry the load of public duties and responsibility for his fellowmen.

4. The cultural life and an appreciation of art, music, literature, philosophy and history, of the past and present, which will enable the college graduate to know and enjoy the greatest thoughts and feelings of his race.

5. Inspiration for that enlightened religious and Christian life which will empower the college graduate to realize those ideals of the Bible and Sonship with God that constitute the Christian's hope of immortality.

COURSES OF STUDY AND REQUIREMENTS FOR GRADUATION

LANGUAGE. The general principle of the College is to require every candidate for the A. B. degree to have acquired a working knowledge of some one foreign language. The amount of study necessary for such a "working knowledge" would ordinarily be three years, but the condition of the student's nationality, family or previous experience might provide the required accomplishment with less regular class work. The College wishes to stress the effective accomplishment made in a language rather than a stated amount of study. Whenever the head of the department in which the student is taking his language reports that he has acquired a practical and "working knowledge" of the chosen language, his requirements in that regard are fulfilled.

VARIOUS LANGUAGE REQUIREMENTS SUGGESTED FOR FRESHMEN

1. Students entering with two years of one modern language, take a minimum of one year of the language in college.
2. Those entering with two years each of more than one modern language, take one year of one of them in college.
3. Those entering with two years of Latin, and no modern language, take one year of Latin or two years of a modern language, according to the recommendations of the Scholarship Committee.
4. Those entering with three years of a foreign language, are relieved of further foreign language requirements on the recommendation of the Scholarship Committee.

These suggestions are subject to the standards explained above.

REQUIRED AND ELECTIVE STUDIES

Freshman Year

Ancient or Modern Languages.....	
English.....	
Mathematics or Ancient Language.....	
History.....	
Bible or a Science	
(Chemistry, Physics or Biology.)	
Physical Culture and Public Speaking.....	

16-18 hours

Sophomore Year

Language, if necessary to fulfill the requirements.....	
English.....	
History.....	
Science.....	
Electives, under direction of advisor.....	
Physical Culture and Public Speaking.....	
Bible, if necessary to fill requirements.....	
	16-18 hours

Junior Year

Bible, if necessary	
Economics.....	
Psychology and Ethics	
Electives, under direction of advisor.....	
Physical Culture	
	16-18 hours

Senior Year

*Social Institutions and Problems.....	
Physical Culture	
Electives	
*If not already elected.	16-18 hours

Any deviation from this curriculum can be made only on approval of the Committee on Courses and Credits. The Committee is ready to give consideration and advice to any students that may be under unusual circumstances.

Four semester hours of Bible are required of all students before the beginning of the Junior year.

PRE-PROFESSIONAL COURSES

PREPARATION FOR LAW. The best legal opinion recommends as a preparation for the study of law the broadest cultural education, recognizing that the successful lawyer must be able to look at his problems from every point of view, and that he must know where to go for special information on a large variety of subjects. Technical legal training can best be given in a Law School, but the student of Law should come to this training with the broadest possible foundation in general knowledge. This is recognized by the requirement now in force in the leading Law Schools in the United States, which demand for admission a college degree.

Those who do not care to take a full college course before entering law school will find at Rollins the following pre-law course of two years which gives the subjects most essential for a prospective lawyer.

PRE-LAW COURSE

TWO YEARS

First Year

English.....	
Latin, if not previously taken.....	
History.....	
Science.....	
Government.....	
Economics and Finance.....	
Physical Culture and Public Speaking.....	
	18 to 20 hours

Second Year

Psychology.....	
History.....	
Economics, Labor Problems.....	
Sociology.....	
Bible.....	
Elective.....	
Physical Culture and Public Speaking.....	
	18 to 20 hours

PREPARATION FOR MEDICINE. The principle of some college training as a preparation for Medicine has been established not only by action of the Medical Schools, but also by statute in many states. A course of two years is regarded by the best medical opinion as only a minimum for admission, and the prospective student of Medicine is recommended strongly to take his college degree in the regular four-year course.

PRE-MEDICAL COURSE

TWO YEARS

First Year

English.....	
Chemistry.....	
Physics.....	
Biology.....	
French or German.....	
Elective.....	
Physical Culture and Public Speaking.....	
	18 to 20 hours

Second Year

Chemistry-organic.....	
Chemistry (qual.-anal.).....	
Bacteriology.....	
French or German.....	
Elective.....	
Physical Culture.....	
	18 to 20 hours

PREPARATION FOR ENGINEERING. A similar recognition of the necessity for broader education as a preparation for the technical study of applied sciences has led to the arrangement of courses in Arts and Science, extending over a period of two or four years, to meet the needs of students who intend to enter engineering schools later. The work of these courses will vary with the tastes of the student, and will in part be determined by the particular school which the student proposes to enter.

A SUGGESTED PRE-ENGINEERING COURSE

TWO YEARS

First Year

English.....
 College Algebra and Trigonometry.....
 Mechanical Drawing.....
 Physics.....
 Modern Language
 Physical Education and Public Speaking.....

18 to 20 hours

Second Year

Integral Calculus, Analytical Geometry I, Differential Calculus and Analytical Geometry II.....
 Chemistry
 Modern Language
 Surveying
 Elective
 Physical Education and Public Speaking.....

18 to 20 hours

PREPARATION FOR TEACHING. By combining with the course in Arts and Science certain professional studies as Psychology, Logic, Ethics, History of Education, Principles of Teaching, etc., degree graduates of Rollins College may, under the provisions of Chapter 7373, Sections 1 and 2, of the laws enacted by the state legislature in 1917, obtain state certificates without further examination and without meeting any other conditions provided their general averages are of a sufficiently high order. Such candidates will naturally select, as their major, the subject which they are intending to teach.

DEPARTMENTS AND DESCRIPTIONS OF COURSES

ART

MR. BOOZIOTES AND MR. FLUHART

It is the aim of this department to give its students a thorough and practical knowledge of the principles of art. The courses offered are: History of art, design, interior decoration, commercial illustration, free-hand drawing and perspective.

The climate permits of out-of-door sketching, and furnishes flowers and other natural materials all winter.

COURSES OF STUDY

1-2. HISTORY OF ART. The first year is devoted to architecture; Primitive and Pre-historic, Egyptian, Chaldean, Assyrian, Persian, Syrian, Jewish, Greek, Roman, Early Christian, Byzantine, Mohammedan, Early Medieval, Gothic, Renaissance, the Classic Revivals in Europe, recent architecture in Europe and in the United States, Oriental India, China, Japan. Text Book, Hamlin's "A History of Architecture." Credit, 2-2 hours.

The second year is devoted to painting: Egyptian, Chaldean-Assyrian, Persian, Phœnician, Greek, Etruscan, Roman, Italian, French, Spanish, Flemish, Dutch, German, British, American. Text Book, Van Dyke's "A History of Painting." Credit, 2-2 hours.

DRAWING

ANTIQUÉ. Analytical study of the cast a prerequisite to life study. Light and shade in charcoal.

HEAD. Head from life in charcoal and oil. Study for construction, light and shade.

PERSPECTIVE. Free-hand drawing of objects with application of laws of perspective.

PAINTING

STILL LIFE. Study from still-life groups. Special attention paid to composition, form, color, texture.

PORTRAIT. Study from the model, with special attention to composition and lighting.

LANDSCAPE. In oil and water color. The abundant picturesque scenes about the school and the ideal Florida climate make outdoor painting delightful all year round.

COMPOSITION. In this class the originality and individuality of the student is encouraged. Analytical study of great compositions with the intention of forming an appreciation for standard works of art.

DECORATIVE DESIGN. Study of the manipulation of form in decorative applications.

ILLUSTRATION. In this class different commercial problems are handled in various media.

ANATOMY. Lecture on Anatomy from the constructive point of view.

DESCRIPTION OF COURSES

The course has been carefully planned to meet all the requirements and enable the student to build a solid foundation for future advanced work. In this outline drawing is greatly emphasized as basic principle of all art training. Painting, which is an individual expression, will be encouraged, to enable the student to advance according to his inborn taste. In composition the inventive power and originality of the student is sought and stimulated. The primary training of the individual is based upon the three fundamentals: drawing, painting and composition.

11-12. **PAINTING.** PROFESSOR FLUHART. Private lessons are given or classes formed according to the demand for the work. Professor Fluhart has a gallery of his own paintings, especially of Florida scenery, and has a broad reputation for the quality of his instructions and the characteristic beauty of his work.

WORK IN INDUSTRIAL ARTS

MISS MERIWEATHER

1. **METAL WORK.** (a) Jewelry; making by hand of rings, pins, pendants, etc., in silver and gold and semi-precious stones; (b) hammered, pierced and repousse work in brass and silver.

2. **LEATHER WORK.** Tooling, modelling, and tinting of leather for bags and card cases, etc.

3. **BASKETRY.** A course in the manufacture of baskets from Florida pine needles and wire grass; also tinted reeds in various weaves and coiled raffia in India designs.

Persons desiring to take industrial arts at Rollins should inquire in advance as to what classes are in actual operation, because the work is done according to the demand and formation of class groups.

DEPARTMENT OF BIBLICAL LITERATURE AND CHRISTIANITY

PROFESSOR DRESCH

1-2. **THE OLD TESTAMENT.** This course is devoted to a study of the facts of the historical books and the poetry, philosophy and prophecies of the other books, the purpose being to learn and understand the Old Testament as it is. Open to all students required before Senior year. Credit, 2 hours.

3. **THE NEW TESTAMENT.** The teachings of Jesus in the four gospels, his personality, religion, ethics and a review of the Epistles with the philosophy of the first followers of Christ. The purpose of the course is to establish a familiarity with the New Testament and the teaching of Jesus. Open to all students. Required before Senior year. Credit, 2 hours.

4. **HISTORY OF CHRISTIANITY.** The first preaching of Christianity; spread of the Apostolic Church; the Roman period and the Eastern Church; the Dark Ages; the Reformations and Revolts; the modern sects and the problems of Christianity in recent times; the missionary movements. Open to all students. Credit, 2 hours. (Omitted 1923-24.)

5-6. **COMPARATIVE STUDY OF RELIGIONS.** The course studies the natural origin of primitive religions, the characteristics and philosophies of the leading cults, such as Buddhism, Hinduism, Mohammedanism, Zoroastrianism, etc. The good and bad features of each are compared. Credit, 2-2 hours.

DEPARTMENT OF BIOLOGY

PROFESSOR UPHOF

The Department of Biology is exceedingly well located for the study of botany and zoology. The environment of Rollins College is rich in resources as to plant and animal life of Peninsular Florida, and their study is inexhaustible. The Baker Museum for Natural History possesses many valuable specimens, while the laboratory contains up-to-date instruments and other appliances for scientific studies. A considerable amount of research work is being accomplished in plant ecology, physiology, anatomy and genetics. As to the study of horticulture, landscape gardening and subtropical fruit growing, the department offers unusual opportunities on account of its splendid location among extensive groves and gardens of the many beautiful private estates.

1-2. **GENERAL BIOLOGY AND PHYSIOLOGY.** A one-year course giving a thorough training on the subjects of life, reproduction, embryology, and histology of plants and animals; the anatomy and physiological processes occurring in plants, animals and human beings; resistance and susceptibility to disease; a general outline of genetics and heredity; a study of the principal groups of invertebrates and vertebrates, as well as those of plants. Elective for Freshmen, required for pre-medical students. Three one-hour lectures a week and laboratory work. Credit, 3-3 hours.

3-4. **MICROSCOPICAL TECHNIQUE.** Instruction is given by recitations, lectures and laboratory work. This course involves the histology and cytology of the tissues of invertebrates and vertebrates, as well as those of plants. The student becomes acquainted with the important methods of fixing, hardening, dehydrating, staining, clearing, imbedding, sectioning with the rotary and sliding microtome and mounting objects for microscopical study, which gives the student an accurate knowledge of the anatomy of animals and plants in minute details. Prerequisites, biology 1-2. Two one-hour lectures a week and laboratory work. Credit, 3-3 hours.

5-6. **ZOOLOGY.** Invertebrate Anatomy. This course gives the general principles of Zoology, Morphology, Ecology and

General Classification of Invertebrate animals. Instruction is given by recitations and laboratory work. It aims to acquaint the student with the structure, development and functions of cells, tissues and organs; the principal groups of the animal kingdom, their distribution and structure. Credit, 3-3 hours.

7-8. ZOOLOGY VERTEBRATE ANATOMY. This course deals with vertebrates in much the same manner as Biology 3-4 deals with invertebrates. Instruction is by means of lectures and laboratory exercises. Representative animals of the different classes of Vertebrata are dissected and studied in detail so that a comparison of the different forms is obtained. This course is intended primarily for those who are especially interested in Biological Science or in the study of Anatomy and Medicine. Three two-hour periods throughout the year. Elective. Prerequisite Biology 2, 3 and 4. Credit, 3-3 hours. (Given only when sufficient number elect the course.)

9-10. HORTICULTURE AND FRUIT GROWING. A one-year course dealing with a thorough study of physics, chemistry and bacteriology of the soil; irrigation and drainage; natural and artificial propagation of plants; a general outline of tropical and subtropical fruit growing; grove management; vegetable growing; ornamental plants and home gardening; a study of plant diseases and pests, and means of eradication. Lectures, laboratory and field work as well as designing plans of groves and gardens. Three one-hour lectures a week. Credit, 3-3 hours.

11. PLANT PHYSIOLOGY. A study of the metabolism of plants, their growth, nutrition, photosynthesis, material transformation in the cells, influence of external conditions, symbiosis, parasitism and fermentation. Two one-hour recitation periods and one two-hour laboratory period a week. Credit,.....

12. SYSTEMATIC BOTANY. (Omitted 1923-24.) A study of the flowering plants, ferns, mosses, fungi and algæ, especially with reference to the local flora. The course further deals with habitats, pollination and the relationship of plants. Two one-hour recitation periods and one two-hour field and laboratory period per week.

13. BACTERIOLOGY. (Omitted 1923-24.) This course endeavors to deal in a general way with the application of bacteriol-

ogy of household and sanitary sciences; bacterial diseases of men, animals and plants; soil bacteriology; classification of bacteria; preparation of important culture media; transplanting, inoculation and identification of various types of bacteria; further staining and preparation of bacterial slides. Two one-hour recitation periods and one two-hour laboratory period per week. Prerequisite, Bacteriology 1-2.

14. **ECONOMIC BOTANY AND ZOOLOGY.** A popular course dealing with various plant and animal products, their economic importance; preparation and gross as well as anatomical structure. Further, a study of some of the principal poisonous plants will be considered. Elective for all students. Prerequisite, Biology 1-2, or a student should have at least started Biology 1-2 in the first semester. Two one-hour recitation periods and one two-hour laboratory period per week.

Courses in Biology, 12 and 13, may be given during 1923-24 if sufficient students are not available for either Biology 11 or 12.

DEPARTMENT OF BUSINESS ADMINISTRATION

PROFESSOR HART, ASSISTANT PROFESSOR SCHWARZ

MRS. FAUST

The world is demanding today men of general education and culture with special training in business.

Rollins has adopted a policy and is developing a department for meeting this particular demand. Such fundamental subjects as English, Economics, Mathematics, History and Sociology are consistently interwoven with and constitute a background for the technical subjects of Law, Accounting, Banking and Transportation.

Close contact with actual business is maintained through special lecture courses by active business men and bankers, also by the use of the "Problem" method whereby the student goes out into actual commercial and industrial enterprises and puts the class room theory to the practical test.

The increasing modern equipment in Accounting, Transportation and Statistics will soon make the department of great benefit to the state in furnishing industrial surveys, reports, etc.,

and by turning out students with the latest methods of efficiency in business administration.

Class work and laboratory programs are so conducted that students must allow for the major portion of their hours to be taken in this department upon registering for any group of subjects herein cited.

No student will be permitted to register for any course in this department by considering same as an "adjunct" to any other major group of courses.

ENTRANCE REQUIREMENTS

A special registration of \$5.00 is charged, to cover special reports and lecture mimeographed notes. *Receipt of this payment must be shown before class attendance is allowed.*

The courses given and the methods of instruction used are of such intensive nature that: No student will be permitted to register for more than three (3) courses in this department during any one semester, unless they show record of being in Senior standing here at Rollins or by transfer of equal rank from another recognized college or university.

Failure to pass in any two out of three courses at the end of the first semester will thereby disbar such student from continuing in this department until the work has been satisfactorily passed.

Students entering this department must be registered in the College in the ordinary way.

No special students are admitted without the consent of the head of the department.

Students graduating from this department must finish a total of 138 semester hours, 80 of which shall be arranged by this department as major work.

Students majoring in this department and graduating therefrom will receive the Degree of Bachelor of Arts and a special diploma from the department.

OUTLINE OF COURSES

Courses in brackets are not given in 1923-1924. Courses cited with two numbers continue through both the First and Second Semesters.

1-2. **ELEMENTARY ACCOUNTING.** This course takes up the fundamentals of bookkeeping only. Theory of debit and credit; use of the four main account mediums; journalizing; posting, etc. Practice work on given sets of diaries of events supplements the lecture program. Laboratory periods provide for the solution of actual elementary transactions. Preparation of statements and study of the basic "types" of bookkeeping records is especially emphasized. (Required of all first-year students, majoring in Department of Business Administration.) Credit, 3 hours.

3-4. **CONSTRUCTIVE ACCOUNTING.** The fundamental concepts of Accounting and analytical work are taken up. Controlling accounts; classification of accounts; consignment accounts; partnership accounts, etc., are some of the main topics dealt with. Prerequisite, Accounting 2. Credit, 4 hours.

5-6. **(COST ACCOUNTING.)** Components of relation to general accounting mechanism of cost control; orders and symbols; mechanical devices used, etc. The proper recording entries which tie up the cost records with general records; types of systems; burden units and their application.

Concrete cost problems are solved. Regular laboratory work develops actual contact with all theoretical phases studied. Prerequisite, Accounting 3-4. Credit, 3 hours.

7. **ADVANCED ACCOUNTING.** Corporation accounting; mergers; consolidations; reserves; depreciation; sinking funds, etc. Trust accounts and the like are carefully studied. Prerequisite, Economics 1. Credit, 4 hours.

8. **(INVESTMENT ACCOUNTING.)** Prerequisite, Accounting 7. Credit, 3 hours.

9-10. **(AUDITING.)** Elective for Seniors only. Prerequisite, Accounting 6 and 8. Credit, 4 hours.

11-12. **(MUNICIPAL ACCOUNTING.)** Prerequisite, Accounting 8. Credit, 3 hours.

13-14. **(RAILWAY ACCOUNTING.)** Credit, 3 hours.

15-16. **(INCOME TAX PROCEDURE.)** Prerequisite, Accounting 8. Credit, 4 hours.

Required of all students preparing for professional or cost accounting.

BUSINESS ADMINISTRATION

1-2 ELEMENTARY BUSINESS ADMINISTRATION. The major fundamental problems of "management" are considered, such as: Principles and fundamentals of Plant Construction and Layouts; Production; Labor studies; Distribution; Management and Elementary Financial Development Concepts. Prerequisite, Economics 1. Credit, 4 hours.

3. CORPORATE ORGANIZATION AND MANAGEMENT. Advantages and disadvantages of corporate form; Capitalization; Stock and Bond Issues; Control; Directors; Charters; By-Laws; Meetings; Records; Voting Trusts; Promoters, etc. Prerequisite, Economics 1 and Finance 2. Credit, 4 hours.

4. PROBLEMS IN BUSINESS FINANCES. This course follows what might be termed the "case method" of study. Actual and first-hand financial problems are made the basis of study in such topics as "Beginnings of a Business," "Raising Fixed Capital," "Valuation of Intangibles," "Expansion and Development," "Customer and Employee Ownership," "Raising Working Capital," "Producing," "Selling," "Adjustments; Bankruptcy," etc. Prerequisite, Finance 3. Credit, 4 hours.

5. (INVESTMENTS.) Credit, 2 hours.

10-11. (INSURANCE.) Credit, 3 hours.

12-13. (ADVANCED INSURANCE PROBLEMS.) Credit, 2 hours.

BANKING

1-2. THEORY AND PRACTICE OF BANKING. The mechanical methods of modern bank accounting are used and illustrated. Duties of the various clerks are studied by working of actual daily report diaries of transactions. Credit, 3 hours.

(Prerequisite, Accounting 1, or election of these courses together.)

This work is followed by the study of: Receiving; Paying; Clearing and Collection Functions; Foreign and Domestic Discounts; Credits; Loans; Bonds; the Bank as a Trustee, Executor and Custodian; Foreign Drafts. Cable transfers and kindred subjects are studied. Complete program of procedure of the internal functions and operation of a bank is followed. Credits, 3 hours.

Special class Laboratory arrangements made for this course whereby the student must allow 3 hours for two afternoon meetings per week.

4. **BANK CREDITS.** Special advanced work dealing with the mathematical and economic phases of banking. Open only to Junior or Senior ranking students. Credit, 3 hours.

5-6. (**BANK AUDITING.**) Federal Reserve audits and National and State Bank audit programs are taken up. Credit, 4 hours.

ENGLISH

Certain courses in English are required of all students majoring in the Department of Business Administration. Description of these courses is given under "English Department" in this catalogue.

LAW

All students majoring in Accounting are required to take seven hours in Law. No electives are allowed unless courses one and two have been completed.

1-2. **CONTRACTS.** Essential elements; Formation; Ratification; Consideration; Mutual rights and duties; Authority of agent; Kinds of contracts, etc. Credit, 3 hours.

2. **NEGOTIABLE INSTRUMENTS.** This is a one-semester course which deals in the fundamental concepts and basic legal phases of negotiable instruments (documents). The case method, with intensive brief and report preparation is used. Credit, 2 hours.

4. (**AGENCY.**) The distinct concepts of "Principle and Agent," as brought out by the following topics are well developed: Relation of Principle, Elements of the Contract of this relationship who may be agent; Agency and Estoppel; Termination of; Authority of; Principle and third party. Prerequisite, Law 2. Credit, 2 hours.

5. **SALES.** Study of the "Uniform Sales Act" and case study on the following topics: Property Concepts; Identification of the Goods; Unascertained Price; Conditional Sales; Titles; Bills of Lading; Vendor's Lien; Stoppage in Transit C. O. D. Sales; Fraud and Its Effects; Seller's Remedies; Buyer's Remedies;

Warranties; Statute of Frauds, etc. Prerequisite, Law 2. Credit, 2 hours.

6-7. CORPORATIONS. Credit, 3 hours.

8-9. (PROPERTY.) Credit, 3 hours.

TRANSPORTATION

(This course is not open to Freshmen or Sophomores.)

1-2. RAILWAY TRANSPORTATION. Railway System; Service; Freight; Passenger; Express and Postal Rates; Rate Making; Fares, etc.

A special syllabus is issued for this course and all students must provide themselves with it.

Prerequisite, Accounting 1, Economic 1, Law 1. Election of this course required two years of study. Railway Accounting being required in the second year. Two lecture hours are supplemented by two two-hour laboratory periods each week. Credit, 4 hours.

LANGUAGES AND OTHER REQUIREMENTS OF THE B. A. DEGREE

Every candidate for the B. A. degree must get a working knowledge of one foreign language. Because of the great variety of subjects and the extra credits required in the major work in Business Administration, the candidate for a degree, presenting this major, is not required to take Science courses and need take only the Freshman English followed by the other English courses within the major group. Students specializing in foreign trade must become thoroughly proficient in foreign language to the satisfaction of the department.

Courses in Typewriting and Shorthand will be given in 1923-24; announcement of details will be published in special bulletin.

MATHEMATICS

All students working for the B. A. degree and who are majoring in Business Administration subjects are required to have seven credit hours of the total hours required from the following courses:

21-22. ELEMENTARY ACCOUNTING MATHEMATICS. For information on this subject, look under Mathematics Department.

23-24. ADVANCED ACCOUNTING MATHEMATICS. See Mathematics Department.

25-26. MATHEMATICAL THEORY OF INVESTMENT. See Mathematics Department. (Required of all students majoring in Accounting.)

27-28. ELEMENTARY STATISTICS. See Mathematics Department.

29-30. ADVANCED STATISTICS. See Mathematics Department.

DEPARTMENT OF CHEMISTRY

PROFESSOR MABRY AND MR. THOMPSON

The instruction in this department includes lectures, recitations and laboratory work, and extends through the Freshman, Sophomore, Junior and Senior years. In connection with Theoretical Chemistry and wide practice in Chemical Calculation.

1. INORGANIC CHEMISTRY. This course is devoted to the elementary principles of the science. It deals with the nature and properties of the non-metals and the application of the fundamental laws and theories concerning their combination.

Two recitation periods and one two-hour laboratory period. First semester. Elective for Freshmen and Sophomores. Credit, 4 hours.

2. GENERAL AND EXPERIMENTAL. A continuation of Course 1 dealing largely with the metallic elements. This course also includes the study of some of the more common carbon compounds.

Two recitation periods and one two-hour laboratory period. Second semester. Prerequisite, Course 1. Credit, 3 hours.

3. QUALITATIVE ANALYSIS. A thorough course of basic and acidic analysis. Lecture and laboratory work upon the methods and lectures and recitations upon the theories involved. Special emphasis is placed upon the theories of Chemical Analysis and the student is required to analyze a large number of "unknowns" for the basic and acidic constituents.

Three two-hour periods. First semester. Prerequisites, Courses 1 and 2. Credit, 3 hours.

4. **ELEMENTARY ORGANIC CHEMISTRY.** An introductory study of the compound of carbon, chiefly the methane and benzene series and their derivatives. The course includes the preparation and the study of the chemical properties of the more important classes of organic compounds.

Three two-hour periods. Second semester. Prerequisite, Course 3. Credit, 3 hours.

5. **QUANTITATIVE ANALYSIS.** Chiefly a laboratory course with lectures, recitations and conferences on the methods and theories involved. The student is given thorough practice in volumetric and gravimetric methods and is required to perform his analyses with accuracy, cleanliness and honesty.

Three two-hour periods. First semester. Prerequisites, Courses 3-4. Credit, 3 hours.

6. **ADVANCED QUANTITATIVE ANALYSIS.** A continuation of Course 5 in which special emphasis is placed upon the analysis of alloys, ores, mineral waters, foods, etc. The course also includes various other complex analyses.

Three two-hour periods. Second semester. Prerequisite, Course 5. Credit, 3 hours.

7. **INDUSTRIAL INORGANIC CHEMISTRY.** This course includes the study of all the more important industrial inorganic chemical processes with lectures, recitations, conferences and collateral reading. The laboratory work includes the various technical analyses with a study of the general operations on a small scale. The student is required to acquaint himself with the operation, cost and manufacture of the various types of machinery used in the industry.

Three lectures and laboratory periods. First semester. Prerequisites, Courses 5 and 6. Credit, 4 hours.

8. **INDUSTRIAL ORGANIC CHEMISTRY.** A continuation of Course 7, which deals with the study of all the more important industrial organic chemical processes. In this course special emphasis is placed upon the study of the textile processes.

Three lectures and laboratory periods. Second semester. Prerequisite, Course 7. Credit, 4 hours.

9. **ELEMENTARY PHYSICAL CHEMISTRY.** This course presents the fundamental principles of Physical Chemistry, particularly

those which are necessary for every chemist. The laboratory work includes the determination of the more important physical constants, molecular weights and a study of thermometry.

Three lectures and laboratory periods. First semester. A knowledge of calculus is essential. Prerequisites, Courses 5 and 6. Credit, 4 hours.

10. PHYSICAL CHEMISTRY. A continuation of Course 9, including the study of electro-chemistry, colloids, viscosity. The laboratory work consists of experiments in electro-chemistry, colloidal chemistry, etc.

Three lectures and laboratory periods. Second semester. Prerequisite, Course 9. Credit, 4 hours.

11. ADVANCED ORGANIC CHEMISTRY. An advanced laboratory course in the synthesis and analysis of the typical aliphatic compounds. In this course the student is required to pass a written examination over each compound previous to its preparation.

Elective for Seniors. First semester. A reading knowledge of Scientific German is essential. Prerequisite, Course 4. Credit, 6 hours.

12. ADVANCED ORGANIC CHEMISTRY. A continuation of Course 11 and includes the study and preparation of the aromatic hydrocarbons and their derivatives. Special emphasis is placed upon the study of the preparation of dyestuffs and their intermediates and derivatives.

Elective for Seniors. Prerequisite, Course 11. Credit, 6 hours.

13. SANITARY CHEMISTRY. A lecture and reading course dealing with air, food, water and the subject closely related to them.

One hour. First semester. Elective for Juniors and Seniors. Credit, 1 hour.

14. HISTORICAL CHEMISTRY. A lecture and reading course dealing with the origin and growth of the atomic and other theories. Emphasis is also placed upon the development of organic and physical chemistry.

Two hours. Second semester. Elective for Juniors and Seniors. Credit, 2 hours.

CURRENT EVENTS

A study of Current Events as found in the weekly magazines is required of all students for which one credit hour is given. A written review is required each week. Talks on the subject are given weekly at assembly meetings.

Required of all students. This work is usually carried on in connection with Public Speaking. Credit, 1 hour.

DEPARTMENT OF ECONOMICS

PROFESSOR SPRAGUE AND PROFESSOR HART

1. ECONOMIC PRINCIPLES AND PROBLEMS. This course is devoted to the following subjects: Definition of Economic Terms, Wealth, Capital, Value, etc.; Factors of Production, Exchange and Consumption; Supply and Demand, Division of Labor, Concentration of Capital and Labor, Trusts and Monopolies, Public Controls of Production and Exchange; Tariff and Free Trade, the Merchant Marine, Forms of Income, Agencies for Saving, Investments, etc.

Required of Juniors; open to others by permission. Credit, 3 hours.

2. PUBLIC FINANCE, TAXATION, MONEY AND BANKING. Systems and problems of public revenue, taxation, debts, currencies; types and methods of banks, economic and financial crises and depressions; war finance, etc., constitute the subject of study.

Required of Juniors as in Course 1. Credit, 3 hours.

3. BUSINESS LAW. This course deals with the great principles of the common law as they are worked out in practical lines of business and economic life. Contracts, sales, agency, bailments, partnerships and corporations are read up and discussed with a view to understanding "Business Organizations" in the following semester. The course aims to give what every active citizen should know about the law.

Open to those who have had Economics 1; to others by special permission. Credit, 3 hours.

4. BUSINESS ORGANIZATION AND MANAGEMENT. This course is devoted to the general field of Business: Methods of organizing and administering corporation and partnerships; whole-

saling, retailing, advertising; systems of industrial remuneration for wage earners, cooperative methods for preserving industrial peace; problems of sweated industry, child labor and industrial education.

Prerequisite, Course 3. Credit, 3 hours.

5. LABOR ORGANIZATIONS AND LABOR PROBLEMS. This course will trace the historic methods of employment and remuneration, slavery and serfdom, the Guild System, the beginning of labor unions in England and early types of unions in America, the modern unions, their organizations and doctrines, the strike and boycott, closed and open shop, arbitration and trade agreements, forms of industrial democracy and other interesting topics.

Open to those who have taken 1; to others only by special permission. Credit, 3 hours.

6. REVOLUTIONARY AND RADICAL MOVEMENTS. The course studies the background and natural causes of revolutionary movements and analyzes the various leading types of the present day. The history of communism, socialism and anarchy, syndicalism, Bolshevism and other notable movements and radical philosophies will be studied in detail.

Open to those who have had elementary Economics. Credit, 3 hours.

DEPARTMENT OF ENGLISH

PROFESSOR ASHBURN, MRS. PODMORE AND MRS. HART

1-2. ENGLISH COMPOSITION. Careful study, in the first semester, of collection and organization of material, paragraph structure, sentence structure, use of words and punctuation; in the second semester, of exposition, with some attention to description and narration, in both theory and practice. Themes and conferences.

Required of Freshmen. Credit, 6 hours.

3-4. ARGUMENTATION AND DEBATE. A systematic study of the principles and practice of argumentation and debate; attention is given to the analysis of propositions, evidence, construction of the brief and the argument, the rebuttal, inductive and deductive processes of reasoning, fallacies, refutation and practice in effective delivery of arguments. Current economics, social

and political problems will furnish most of the questions for the practice debates.

Open to all students. Credit, 3-3 hours.

5-6. **ADVANCED COMPOSITION.** Lectures will treat of principles of composition as applied to the production of literature. The Essay, Criticism, Short Story and poetry will be studied and practiced. Outside reading is required. This course is for those desiring practice in writing under criticism, reading, theme conferences.

Open to those who attain high rank in the prerequisite subjects. Prerequisite, English 1-2. Credit, 2-2 hours.

7-8. **JOURNALISTIC WRITING.** A course in specialized composition with emphasis on the style of successful newspaper articles. A practical course in reporting and popular contemporary writing. Copy will be submitted to the local papers. (This subject may be taken with 1-2 but not in place of it.)

Elective for all qualified students. Credit, 2-2 hours.

10. **VERSIFICATION.** This course will treat of the history, development, theory and technique of English verse. The common rhythms, meters and stanzaic forms will be made familiar by reading and by practice in composition.

Second Semester. Credit, 2 hours.

11-12. **ENGLISH LITERATURE.** A survey of English Literature from Anglo Saxon period to modern times. The development will be related to the corresponding social conditions. Throughout the wide reading an effort will be made to establish critical standards and to encourage appreciative interpretations.

This is a preliminary survey of literature and is a prerequisite to the advanced courses. Credit, 3-3 hours.

13-14. **THE DRAMA.** A study of the drama in English from the miracle play to the present. First Semester, up to 1642. Second Semester, Restoration and modern drama, with a brief survey of play in other languages. Thesis.

Designed for upper classes. Credit, 2-2 hours.

15-16. **ROMANTIC AND MODERN POETRY.** A study of the poetry of Wordsworth, Coleridge, Byron, Keats, Shelley, Tennyson, Browning, Poe, Whitman, Arnold, Rossetti, Morris, Swinburne, Phillips, Noyes, Carnian, Masters, Amy Lowell and others.

Reading and discussion of the poetry rather than of the poets. Thesis.

Designed for upper classes. Credit, 3-3 hours.

17-18. AMERICAN LITERATURE. The growth of Literature in America will be studied with considerable reading of the more important authors of prose and verse. Discussions of literary values will relate our literature to that of England. Period covered will be from the beginning to the present.

Brief reports of reading may be called for. Credit, 2-2 hours.

19. LITERARY CRITICISM. The question of standards in literature will be discussed, together with the history and principles of criticism. Wide reading of the critical essay will assist in developing good taste in literature. The survey of authors will range from Aristotle to Symons. First semester.

Regularly open to Juniors and Seniors.

20-21. SHAKESPEARE. A brief review of life of Shakespeare and of his time, will be followed by an examination of his works with detailed study of several selected plays. This course will aim to give an acquaintance with sources, plot and diction of the better known dramas. The Poems and Sonnets will be discussed. Some reading of Shakespeare Criticism will be required.

Not open to Freshmen. Credit 2-2 hours. (Omitted 1923-4.)

22-23. BUSINESS ENGLISH. The "Cultural" aspect of letter writing will be stressed. Special study will be given to vocabulary acquisition. Designated readings and themes are required, which deal with current business topics and institutions. Studies in the theory, principles and practices which underlie the solution of problems in adjustments, credits, collections and salesmanship.

Prerequisite, English 1. Text, "The Literature of Business," Saunders-Ceek. Credit, 3-3 hours.

24-25. ADVANCED BUSINESS ENGLISH. This course deals with the technique and structural side of "report making," "Manuals of Instruction," briefs, etc. The presentation of technical matter in a clear, concise and intelligent form will be studied in a most thorough manner by actual compilation work.

Prerequisite, Business English 22-23 Junior standing. Credit, 3-3 hours.

THE BURTON AND MARKHAM LECTURES

Professor Richard Burton, head of the Department of English Literature in the University of Minnesota, will be at Rollins during the month of January, 1924. He will give courses of lectures in *The New Poetry*, *The Modern Drama*, *The Bible as a Cultural Book*, and *The Oral Presentation of Literature*.

Edwin Markham will give regular daily lectures at the College during the month of February, 1924. He will read his own poetic works, and lecture on the interpretation of poetry, literature and life and authors during the period. He will board at the Campus Commons, and give the students every opportunity to come into intimate relations with him.

The courses offered by both of these noted men will be free to students, but a small fee will be charged others who are not regular registrants in the College.

DEPARTMENT OF EXPRESSION

MRS. GRAY, MRS. HART

1-2. PRINCIPLES OF EXPRESSION. This course includes the foundation in voice work, and the principles governing the science of expression. Two credit hours.

Credit, 2-2 hours.

3-4. AESTHETIC AND FOLK DANCING. Training in æsthetic and folk dancing is included in the regular course of expression. The results obtained are a full response of all parts of the body adding to grace of carriage, lighthness of figure and freedom of expression.

Credit according to work done.

5-6. PANTOMIME. In the pantomime class short pantomimic scenes are performed, and every action of the body is definitely taught. The students finally learn to compose and act scenes not only from memory but from imagination, passing from imitation to suggestive and imaginative composition.

Prerequisite, Expression 1. Credit, 2-2 hours.

7-8. PRIVATE LESSONS. Lessons are one-half hour each.
Credit given.

9-10. STORY TELLING. Story telling has not only been recognized as a dignified and legitimate act of entertainment but as a high literary accomplishment. The manner of telling the story is founded upon definite principles.

Credit, 2-2 hours.

11-12. INTERPRETIVE DANCING. This is called "Natural or Rhythmic Dancing." A means is sought to interpret music through dancing as it appeals to the individual.

Prerequisite, Expression 2. Credit, 2-2 hours.

13-14. PLAY AND PLAYGROUNDS. How to equip and manage a playground, social or civic center. This course includes the learning and directing of games.

Open to Sophomores. Credit, 2-2 hours.

15-16. PAGEANTRY. How to produce, write and direct pageants. Study of some of the best pageants.

Prerequisite, Expression 5 and one other Expression course. Credit, 2 hours.

17-18. **EXTEMPORARY SPEAKING.*** Studies in public speaking and the delivery of short original speeches for special occasions. Emphasis is laid on the preparation of a thorough brief for each speech. Speeches are given from platform without use of notes. The aim of this course is to give practice in self-expression.

(*See "Public Speaking" required.) Credit, 2-2 hours.

19-20. **THEATRICALS.** A critical study of plays for stage presentation. The problems involved in producing plays. During the course one or more plays will be given in costume. Two credit hours.

Credit, 2-2 hours.

DEPARTMENT OF MODERN LANGUAGES

FRENCH

PROFESSOR FEUERSTEIN

1-2. **ELEMENTARY COURSE.** Phonetical exercises, study of the main principles of French grammar, reading of light texts, conversation, free reproduction. Study of the irregular verbs, exercises in French Syntax, translation into French, reading of short stories, conversation and written compositions.

Elective for Freshmen. Credit, 5-5 hours.

3-4. **COMMERCIAL COURSE.** General and commercial correspondence; reading of French books referring to French commerce, industry and government. Reading of French newspapers. Written compositions on easy topics of the time.

Elective for Sophomores. Credit, 2-2 hours.

5-6. **LITERARY COURSE.** History of French Literature. Renaissance, Classical Literature, Period of Enlightenment, Romantic Movement, Modern Authors. Selected reading of Corneille, Racine, Moliere, Voltaire, Rousseau, Hugo, Zola. Outside reading required. Literary composition.

Elective for Sophomores and Juniors. Credit, 3-3 hours.

7-8. **SCIENTIFIC COURSE.** Course for reading of Scientific French texts on Physics, Chemistry and Medicine. Information on scientific institutions in France.

Elective for Juniors and Seniors. Credit, 2-2 hours.

GERMAN

PROFESSOR FEUERSTEIN

1-2. ELEMENTARY COURSE. Phonetical exercises, study of the main principles of grammar, reading of light texts, free reproduction. Exercises in German Syntax, translation into German, reading of short stories, conversation and written composition.

Elective, all students. Credit, 5-5 hours.

3-4. COMMERCIAL COURSE. General and commercial correspondence; reading of German books referring to German commerce, industry and government. Reading of German newspapers.

General elective. Credit, 2-2 hours.

5-6. LITERARY COURSE. History of German literature: Luther, Lessing, Schiller, Goethe, Romantic Movement, Modern Authors. Outside reading required. Literary compositions.

General elective. Credit, 3-3 hours.

7-8. SCIENTIFIC COURSE. Course for Scientific Reading of German Texts on Physics, Chemistry and Medicine. Information on scientific institutions in Germany.

General elective. Credit, 2-2 hours.

GREEK

PROFESSOR FEUERSTEIN

1-2. GENERAL COURSE. Study of Greek history and civilization. Greek etymology, reading of English translations of Homer, Aeschylus, Sophocles, Euripides, Aristophanes, Plato, Xenophon, Thucydides, Plutarch. Synopsis of Greek grammar.

General elective. Credit, 4-4 hours.

3-4. GREEK GRAMMAR COURSE. Grammar, Reader, Ambasis.

General elective. Credit, 2-2 hours.

5-6. NEW TESTAMENT GREEK. Prerequisite elective 3-4.

Credit, 2-2 hours.

GEOLOGY

PROFESSOR

1-2. GENERAL GEOLOGY. An introductory course covering the composition, structure, dynamics and history of the earth. *Elective open to students who have completed Chemistry 1 and 2. The science requirements for graduation must be offered in other subjects.*

GOVERNMENT

PROFESSOR SPRAGUE

1. GOVERNMENTS OF EUROPE. This course studies the forms and working methods of the governments of Great Britain, Germany, France and Switzerland and Italy; also the new governments of the little entente and the Balkans. Historical types and methods of government will be reviewed, the progress and problems of democracy and the new reforms towards social ideals of government and the broader interest of the people. The course aims to give that body of facts and principles which every citizen of a democracy should know.

Open to Sophomores and Upper-Classmen. Credit, 3 hours.

2. GOVERNMENT OF AMERICA. This course takes up the practical working of the Federal Government, the powers of Congress, the President and the Supreme Court; the organization of Congress for work, the relation of the states to the Federal laws; the types of local government and recent changes in municipal organization. Lectures will be given on the systems of government of the Spanish-American nations, and the ideals of the United States in comparison with those of other countries.

Open to Upper-Classmen and Sophomores by permission of instructor. Credit, 3 hours.

3. INTERNATIONAL LAW AND DIPLOMACY. This course covers the ordinary International Law, the violations and problems involved during the World War, the changes and modifications that have resulted from them and the great Diplomatic Controversies in which the United States has been involved in the last one hundred years.

Credit, 3 hours.

4. RACE PROBLEMS. The course reviews the main racial types of the world, their physical and mental traits, the forces and qualities that have led to their survival or extinction, the race problems of the Pacific, the negro problem of America, the native-white problems of Africa, and other race problems of like nature.

Credit, 3 hours.

DEPARTMENT OF HISTORY

PROFESSOR DRESCH, ASSISTANT PROFESSOR GRAHAM
MRS. PODMORE

1. MEDIEVAL AND MODERN HISTORY, REFORMATION TO 1776. The course will take up the historic backgrounds of the Reformation and follow through the courses of the nations to the beginning of the Revolutionary period of 1776.

Credit, 3 hours. Open to all students. Taken by Freshmen according to recommendation of advisor.

2. MODERN EUROPEAN HISTORY, 1776 TO 1870. This course covers the Revolutionary movements in the various nations and lays the basis of knowledge for understanding the international problems of contemporary times. It studies especially the impelling genius of each nation and the great characters that have led them.

Credit, 3 hours. Open to those who have taken No. 1.

3. CONTEMPORARY EUROPEAN HISTORY, 1870 TO THE PRESENT. This course covers the recent entanglements and great racial and economic interests of the nations that led to the World War, the diplomatic controversies, and the reformation of the map of Europe under the League of Nations. Map-making of contemporary Europe is required.

Credit, 3 hours. Open to those who have taken 1 and 2; to others by special permission.

4. CONTEMPORARY INTERNATIONAL HISTORY, EASTERN CONTINENTS. This course covers the recent history of Japan, China, India, Persia and Asia Minor; and the reformation of African states.

Credit, 3 hours. Open to those who have taken 3.

5. **ENGLISH HISTORY TO 1776.** This first semester of English history is largely narrative, dealing with the great events and persons involved in the development of that mighty people and kingdom. Special effort will be made to make the student familiar with the geography, natural resources and outstanding facts of history of the British Island.

Credit, 3 hours. Open to all students.

6. **ENGLISH HISTORY 1776 TO THE PRESENT.** This second semester will be devoted to the later history of England, especially to the development of the Empire throughout the several continents, economic wealth, her industrial inventions, the exploitation of colonial resources and the progress of the Anglo-Saxon system of life will be read up and discussed.

Credit, 3 hours. Open to those who have taken 5.

7. **HISTORY OF AMERICAN DEMOCRACY.** This course covers the constitutional and political development of the United States which has given us the present government; the changes in social and moral idealism and the gradual reformation of organized society to realize the same. Great American leaders and issues and problems will be read extensively.

Credit, 3 hours. Open to all who are prepared for the work.

8. **HISTORY OF THE PAN-AMERICAN REPUBLICS.** The course follows the history of the leading Spanish-American republics, their great men and critical issues; their economic and racial characteristics.

Credit, 3 hours. Open to all prepared for the work.

9-10. **HISTORY OF CIVILIZATION.** This course reviews the ancient and modern civilization, Egypt, Greece, Rome, China, India, Germany, France, England and America and attempts to indicate the strong and abiding elements in each one. Race traits and natural forces in each nation are compared. Idealisms of the modern nations are analyzed.

Credit, 3-3 hours. Open to Sophomores and Upper-Classmen.

11. **ANCIENT HISTORY, TO THE DECLINE OF GREECE.** Considerable time will be given the ancient civilizations of Egypt and Mesopotamia, but the major interest will be in the political

and civic institutions and developments of Greece in Attica and Sparta. -

Open to all students who have had narrative Ancient History. Credit, 3 hours.

12. ANCIENT HISTORY, THE ROMAN EMPIRE AND CIVILIZATION. This course will be devoted largely to the new institutions and principles of government which were developed in the Roman Empire, and which have influenced the civilization of later centuries.

Open to all students who have had narrative Ancient History. Credit, 3 hours.

13-14. HISTORY OF RELIGIONS. (See Biblical Literature 3-4.)

15-16. HISTORY OF CHRISTIANITY. (See Biblical Literature 5-6.)

INTERNATIONAL LAW. (See Government.)

LATIN

ASSOCIATE PROFESSOR SANFORD

LATIN A. First Year Latin. Bennet's First Year Latin. *Credit, 5 hours.*

LATIN B. Second Year Latin, Cæsar with prose composition. *Credit, 5 hours.*

LATIN C. Third Year Latin, Cicero and prose composition. *Credit, 5 hours.*

LATIN D. Virgil, with composition and mythology. *Credit, 5 hours.*

LATIN I. Cicero de Senectute and De Amicitia; Ovid with versification.

Credit, 3 hours.

LATIN II. Livy Book (21), Sallust or Satires, Epistles, Odes of Horace with the study of Horatian Natus.

Credit, 3 hours.

LATIN III. Juvenal's Satires; Tacitus with parts of Histories or Annals.

Credit, 3 hours.

LATIN IV. Several plays of Plautus and Terence; selections from Seneca and Quintilian with advanced composition.

Credit, 3 hours.

DEPARTMENT OF MATHEMATICS

ASSOCIATE PROFESSOR PODMORE AND MR.....

1. COLLEGE ALGEBRA. Rapid review of elementary algebra; graphic representation; determinates; mathematical induction; progressions; permutations and combinations; complex numbers; and theory of equations.

Required of Freshmen who do not elect the Ancient Language course. Credit, 3 hours.

2a. SOLID GEOMETRY. The usual theorems and constructions with applications to the mensuration of surfaces and solids.

Required of Freshmen who do not elect the Ancient Language course, if it was not presented for entrance. Credit, 2 hours.

2b. PLANE TRIGONOMETRY. The six trigonometric functions; principal formulas of plane trigonometry; trigonometric equations; solutions of triangles; and practical problems.

Required of all Freshmen who presented Solid Geometry for entrance, unless they have elected the Ancient Language course. Credit, 3 hours.

3. ANALYTICAL GEOMETRY I. A study of the straight line, circle and elementary curve tracing.

Open to those who have completed courses 1 and 2b. Credit, 2 hours.

4. ANALYTICAL GEOMETRY II. A study of conic sections, polar coordinates, loci problems and higher plane curves.

Open to those who have completed Course 3. Credit, 2 hours.

5. DIFFERENTIAL CALCULUS. Fundamental principles; derivatives; applications to geometry and mechanics; maxima and minima; indeterminates.

Open to those who have completed or are taking Course 3. Credit, 3 hours.

6. INTEGRAL CALCULUS. Integration; definite integrals; application to lengths, areas and volumes.

Open to those who have completed Course 5 and have either completed Course 4 or are taking it. Credit, 3 hours.

7. **SOLID ANALYTICAL GEOMETRY.** Solid analytical geometry of the straight line, plane and the conicoids.

Open to those who have completed Course 6. Credit, 2 hours.

8. **SURVEYING.** Subdividing public lands, locating, relocating and marking corners, making plats, reports, etc.

Credit, 3 hours.

21-22. **ELEMENTARY ACCOUNTING MATH.** Fundamental factors in regard to calculations of: Interest; Taxes; Profits; Sales; Costs, etc., are taken up. Introductory work for statistical studies is also presented.

Credit, 2-2 hours.

23-24. **ADVANCED ACCOUNTING MATH.** The problem method is used in this course for study of Amortization, Depreciation, Annuities, Building and Loan Association computations, Reserves, Insurance, Sinking Funds and kindred subjects. Prerequisite, Math. 22.

Credit, 2-2 hours.

25-26. **MATHEMATICAL THEORY OF INVESTMENT.** The pure mathematical theory and concepts of Interest Computations, Annuities, Logarithms, Bond Values, Reserves, etc., is studied. This is a very intensive course and requires as prerequisites, Advanced Algebra, Math. 24.

Credit, 3 hours.

27-28. **STATISTICS ELEMENTARY.** *Credit, 2 hours.*

29-30. **(STATISTICS ADVANCED.*)** *Credit, 2 hours.*

MUSIC

In accordance with the custom of Oberlin and other college conservatories of like rank, thirty-six hours in music, of which ten may be in practical branches, as piano, voice, etc., will be credited toward the A. B. degree. For detailed explanation of music courses, see "Conservatory Curriculum."

PEDAGOGY

See Psychology, Philosophy, Education and also "Normal Course."

PHYSICAL EDUCATION

Physical Education is required of all students who are physically able to take it or who are not excused for some special and adequate reason. The work is arranged according to the physical needs and desires of the students. One purpose controls the whole system, viz., good health. The program briefly is as follows:

1. General physical examination by an expert director and experienced physicians to determine the special needs of each student.

2. All students are encouraged to take up some open-air game according to his or her needs.

3. Special corrective gymnastics for those who are in need of such for corrections of abnormalities.

NOTE—All women students are required to take the physical examination at the opening and closing of the college year.

DEPARTMENT OF PHILOSOPHY, PSYCHOLOGY, AND EDUCATION

PROFESSOR DRESCH

1. **INTRODUCTORY PSYCHOLOGY.** This course aims to introduce the student to the study of mental phenomena and the methods of Psychology and to acquaint him with the functioning of the human mind, especially in relation to Pedagogy and Ethics. Textbook, collateral reading, and lectures.

Required of Juniors. Credit, 3 hours.

2. **SOCIAL PSYCHOLOGY.** The aim of this course is to analyze the fundamental social attitudes, habits and modes of behavior and describe and explain the process of social interaction in the forms of custom, conventionality and tradition. Textbook, lectures and collateral reading.

3. **HISTORY OF PHILOSOPHY, ANCIENT AND MEDIEVAL.** A study of the development of philosophic thought on the background of contemporary culture with special reference to science, education, politics and religion as well as to the more strictly epistemological and metaphysical aspects. Textbook, assigned readings in source books and lectures. Prerequisite, Philosophy 1.

4. HISTORY OF PHILOSOPHY, MODERN. Continuation of Course 3 through the modern period. Prerequisite, Philosophy 3.

5. ETHICS. This course undertakes a psychological examination of the nature of goodness, and the various theories of the meaning of the right and wrong.

Required of Juniors.

6. PHILOSOPHY OF RELIGION. A general survey of the problems involved in a philosophical interpretation of religion. Textbook, collateral reading and lectures.

8. PHILOSOPHY PROBLEMS. The purpose of this course is to acquaint the student with the fundamental and persistent problems of Philosophy and to give him an elementary knowledge of the several philosophical disciplines. Textbook, assigned reading and lectures. Prerequisite, Philosophy 3 and 4.

10. CONTEMPORARY PHILOSOPHY. A study of the philosophical systems of today with special reference to Royce, Eucken, James and Bergson. Assigned reading and lectures. Prerequisite, Philosophy 1.

12. CHILD PSYCHOLOGY. A study of the mental development characteristic of the various stages of childhood and adolescence.

14. EDUCATIONAL PSYCHOLOGY. A study of the factors which influence the development of the mind, and their application to educational problems.

16. EDUCATIONAL ADMINISTRATION. An examination of the general problems of school administration, with special reference to the high school. (Not given 1923-24.)

18. HISTORY OF EDUCATION. A historical and critical survey of the leading systems of education and the theories of the great educators.

NOTE—Only one course may be elected from numbers 6, 12, 14, 18 in 1923-24.

PHYSICS

PROFESSOR MABRY

1-2. **ELEMENTARY MECHANICS.** (GENERAL PHYSICS.) This course treats of the fundamental principles of the entire subject, mechanics of solids, liquids and gases; heat, magnetism and electricity; sound and light; capillary and molecular forces.

The laboratory work is designed to illustrate the principles studied in the class room and to give some technical knowledge of physical measurements.

Two one-hour recitation periods and one two-hour laboratory period. Elective. Credit, 3-3 hours.

3-4. A course in general physics which is more advanced than Course 1-2. It treats of such subjects as the determination of specific heat, interference of light, magnetism, construction and operation of direct and alternating current apparatus, generator and motors.

Prerequisite, Physics 1-2. Two one-hour periods and one two-hour laboratory period. Elective. Credit, 3-3 hours.

5-6. **PHYSICS OF LIGHT.** This course includes a study of optical instruments, of mirrors and lenses, chromatic and spherical aberration, velocity of light, radiation, wave theory of light, reflection and refraction.

Prerequisite, Physics 1-2. Two one-hour recitation periods and one two-hour laboratory period. Elective. Credit, 3-3 hours. (Omitted 1923-24.)

DEPARTMENT OF PUBLIC SPEAKING

ASSOCIATE PROFESSOR PODMORE

1-2. **PUBLIC SPEAKING** is required of all Freshmen and Sophomores, one hour per week throughout the two years. If, however, a student can in an examination, demonstrate his proficiency in this art he may be excused from this requirement.

Required of Freshmen. Credit, 1-1 hours. (English 27-28.)

3-4. **ADVANCED PUBLIC SPEAKING.** In the Sophomore year a more systematic study of the principles of extempore speaking is made and the student is required to produce more finished speeches. In these courses in Public Speaking, the student is

taught how to select subjects, find material, plan and outline speeches, and deliver them effectively.

Required of Sophomores. Credit, 1-1 hours. (English 29-30.)

NOTE—No student will be permitted to represent Rollins in public debates, or other activities of that kind, unless he has had the required amount of training preparatory for such work.

SOCIOLOGY

PROFESSOR SPRAGUE

1. **SOCIAL INSTITUTIONS AND SOCIAL REFORMS.** This course is devoted to the study of the social institutions such as the family, the state and property; and to such current problems as eugenics, race suicide, divorce, crime and dependent classes, prison reform and poverty; also the constructive social reform movement of social insurance, child welfare, public health, etc.

Open to those who have had Economics, to others by special permission. Credit, 3 hours.

2. **THE NEW SOCIAL IDEALISMS AND REVOLUTIONARY MOVEMENTS.** This course will study historically the various social reform movements with the purpose of finding out what is false in each. Anarchy, socialism, syndicalism, communism, Bolshevism, I. W. W., and the new unionism will be analyzed. Social ideals and reforms in other countries and the greater Americanism will be studied and discussed.

Prerequisite, No. 1. Credit, 3 hours.

SPANISH

MISS GLADWIN

1. For beginners. Grammar through the subjective mode. Drill in pronunciation, composition and conversation. Text: Hill's and Ford's First Spanish Course.

Credit, 5 hours.

2. Course 1 continued throughout semester with translation. Texts: Hill's and Ford's First Spanish Course. Dorado Espana Pintoresca.

Credit, 5 hours.

3. Review of grammar with drill in composition, conversation and dictation. Translation. Texts: Coester's Grammar. Selections from Vervante's Don Quixote; Valdes Jose.

Credit, 3 hours.

The Conservatory of Music

The Conservatory offers opportunities for the serious study of music. The highest standards are maintained and the best trained and most efficient teachers are included in the Faculty. Constant use is made of music as a means for æsthetic and intellectual culture.

The location and environment of the college are peculiarly favorable for the study of music and other fine arts. Among the advantages enjoyed by students in the conservatory is the opportunity for constant association with college students, the courses of study open in the College, and life in the midst of College influence and culture.

The Rollins Conservatory, however, while a part of the College and under the same administrative management, is distinctly a professional school for the training of musicians both as performers and teachers. Its curriculum is modeled upon those of the great conservatories of the country, such as the New England Conservatory, the Peabody Conservatory and others.

ADMISSION

The courses in the Conservatory are open to others as well as to regular students in the College. The candidate for admission will be examined by the Director or by the heads of the different departments and assigned to classes and teachers according to eligibility.

THE BACHELOR OF MUSIC DEGREE

Beginning with the year 1922-23 the degree of Bachelor of Music will be granted by the College for four years of work done along lines laid out by such leading colleges as Oberlin, Newcomb and others. Two courses may be taken for this degree: the Artist Course which majors in voice, piano, violin or organ, and prepares the student for concert work or teaching in the chosen branch; the other majoring in Public School Music, and preparing the student for the career of Supervisor of Public School Music. Candidates for this degree must meet the entrance requirements of Rollins College and be able to perform music of medium grade in chosen instrument.

All work in the Conservatory is credited on the following basis: For three actual hours of work per week for an entire semester, the student receives one semester hour of credit. Thus, if a student practices one hour each day, *i. e.*, six hours per week, he receives credit of two semester hours, but if he practice two or three hours a day, he receives a credit of four or six semester hours. Likewise, if a class meet two hours per week, requiring two hours preparation for each class hour, *i. e.*, a total of six actual hours per week, the student is credited with two semester hours.

The following model four-year courses are based on a minimum requirement of sixty-one semester hours, or a total of 122 hours for the four years. The Public School Music Course is so arranged that at the end of the second year students who have averaged grades of eighty or over, may, by vote of the Conservatory Faculty, be granted a Teacher's Diploma in Public School Music.

A diploma in voice, piano, violin or organ will be given to students who have satisfactorily concluded the subjects starred in the Artist Course, including the giving of a public recital in voice or major instrument.

ARTIST COURSE, LEADING TO B. M.

FIRST YEAR

<i>Studies:</i>	<i>Semester Hours.</i>
*Major instrument, or voice.....	6
*Minor instrument	2
*Solfeggio I.	1
*Essentials.....	1
*English	3
*Aesthetic or Folk Dancing.....	1
*Ensemble, choir, etc.....	1
	<hr/> 15

SECOND YEAR

*Major instrument or voice.....	6
*Minor instrument	2
*Harmony I.....	3
*History of Music.....	2
*Appreciation and Literature of Music.....	1
*Public School Music or Pedagogy.....	2
	<hr/> 16

THIRD YEAR

Major instrument or voice.....	6
*Minor instrument	2
*Harmony II.	3
Elementary orchestration	1
Ensemble, choir, etc.	1
Electives (Modern Language req. for voice).....	2 or 3
	<u>15 or 16</u>

FOURTH YEAR

Major instrument or voice.....	6
Counterpoint	2
*Harmonic Analysis	1
*Recital in major instrument	4
Elective.....	2 or 3
	<u>15 or 16</u>

PUBLIC SCHOOL MUSIC COURSE, LEADING TO B. M.

Studies:

FIRST YEAR

Semester Hours.

Major instrument or voice.....	6
Minor instrument	2
Solfeggio I.	1
Essentials	1
English	3
Aesthetic or Folk Dancing.....	1
Ensemble, choir, etc.	1
	<u>15</u>

SECOND YEAR

Major instrument or voice.....	4
Minor instrument	2
Harmony I.	3
Solfeggio II.	1
History of Music	2
Appreciation and Literature of Music.....	1
Public School Music	2
Elementary orchestration	1
	<u>16</u>

THIRD YEAR

Instrument and voice	4
Harmony II.	3
Practice teaching, conducting, etc.....	1
Psychology or History.....	3
Dramatic Expression	2
Elective.....	2 or 3
	<u>15 or 16</u>

FOURTH YEAR

Instrument or voice.....	4
Counterpoint.....	2
Harmonic Analysis	1
Practice teaching, conducting, etc.....	1
Community Music	1
Thesis, or public recital	4
Elective.....	3
	<u>16</u>

CONSERVATORY DIPLOMAS

Diplomas are granted as follows: A Teacher's Diploma in Public School Music is given at the satisfactory completion of the first two years' work for the B. M. degree in Public School Music. (See "College Curriculum.") This diploma will entitle the holder to a Special State Certificate, without examination.

Diplomas in Piano, Voice, Violin and Organ are given on the satisfactory completion of the theoretical courses starred in the Artist Course leading to the B. M. degree (see "College Curriculum") in addition to the required proficiency in the major study, voice, piano, etc. The giving of a public recital is required of the candidate for a voice or instrumental diploma, but not for the Public School Music Diploma.

COLLEGE CREDITS FOR MUSIC

Two units in music will be accepted toward entrance to Rollins College.

Thirty-six hours in music, of which ten may be in practical music, will be credited toward the A. B. degree.

CONCERTS, GLEE CLUBS, ORCHESTRA

In order to give the students opportunities to hear the best music artistically performed, a series of recitals is given during the year by members of the music faculty and by the best outside talent obtainable. Informal student recitals are given each month in Knowles Hall. Class recitals are frequently arranged by the teachers for the benefit of the less-advanced pupils.

Orchestra, chorus and glee clubs are conducted by the Director. The best music is studied and several public concerts are given during the season.

EQUIPMENT

The pipe organ in Knowles Chapel affords excellent opportunity for practice by organ pupils. A splendid grand piano, also in the chapel, provides for concert work. Pinehurst Cottage is devoted to the work in music. It provides admirable facilities for classes, instruction studios and practice rooms. The office of the Director is also in this building. Practice rooms are furnished with pianos for students who require practice periods.

COURSES OF STUDY

Theoretical Courses

HARMONY

This course covers two years of work and gives the student a thorough knowledge of modern harmony. The entire two years of work is required of those who are given diplomas in voice or instrument. One year is required for Public School Music Diploma.

FIRST YEAR. Thorough drill in the elements of harmony. Figured bass. Harmonization of simple melodies. Keyboard work. Constant emphasis is laid upon ear-training. Simple modulation is begun before the end of the second semester.

Three hours a week throughout the year.

SECOND YEAR. Advanced Harmony. Modulation. Ear training and keyboard work. Analysis. Study of modern tendencies.

Three hours a week throughout the year.

COUNTERPOINT

This course covers one year of work in counterpoint. Open only to students who have completed the first year of work in harmony. Required of candidates for B. M. degree.

Two hours a week throughout the year.

HISTORY OF MUSIC

A lecture course of one year. Required of candidates for diplomas or B. M. degree. The course covers the development of the art of music from the earliest times to the present, and is illustrated by phonograph records of standard compositions.

Two hours a week, throughout the year.

APPRECIATION AND LITERATURE OF MUSIC

A lecture course of one year. Follows the development of musical form from the most primitive types to the symphonies of Beethoven, with a survey of national characteristics in music. Works of the great masters are studied in piano arrangements and phonograph records. Required of candidates for diplomas and B. M. degree.

One hour a week throughout the year.

*Essentials of Music**"THEORY"*

A lecture course of one year. Required of candidates for diplomas and degree. Gives a thorough review of the elements of music, terms, marks of expression, etc., the nature and compass of orchestral instruments, and a general study of musical forms. Also includes a series of talks on acoustics by the Instructor of Physics of the College.

One hour a week, throughout the year.

Elementary Orchestration

A lecture course of one year. Required of candidates for Bachelor of Music Degree. Gives comprehensive course including the study of orchestral instruments in detail; the reading of and conducting from orchestral scores.

One hour a week throughout the year.

SOLFEGGIO I

This preparatory course is recommended to students before beginning the study of harmony, and may be required at the discretion of the Director. It includes two separate classes, namely, Elementary Ear-Training, and Sight-Singing.

(a) EAR-TRAINING. In this class the student receives a thorough drill in tone relationships and time values, rhythmic and melodic dictation. Intervals and simple chords are also studied.

One hour a week throughout the year.

(b) SIGHT-SINGING. This class is open to all college students. Voice students, at the discretion of the Head of the Voice Department, may be required to enter it.

One hour a week, throughout the year.

SOLFEGGIO II

A course in advanced ear-training and sight-singing required of candidates for B. M. in Public School Music, and diploma.

One hour a week throughout the year.

OTHER CLASSES

COMPOSITION. Classes under the Director. Arranged for advanced students as required.

COMMUNITY MUSIC. A lecture course of one hour a week, conducted by the Director, and arranged as required.

The question of all phases of music in community life will be discussed, under such topics as "Music in the Home," "Music in the Schools," "Church Music," "Community Sings," etc. Papers by members of the class will be read, and general discussions encouraged. No technical knowledge of music is necessary for entrance to this class.

ACCOMPANYING. Classes under supervision of the Head of the Piano Department.

SIGHT-READING. Classes under supervision of the Head of the Piano Department.

ENSEMBLE PLAYING. Classes under supervision of the Head of the Violin Department.

PRACTICAL COURSES

PIANO

In the Piano Department no exclusive method is adhered to, but the principles which are inculcated are those common to good modern piano playing the world over—the use of relaxed-arm-weight in tone production, of a flexible wrist in shading and phrasing, the necessity and beauty of a good legato touch, of a singing tone in melody playing, of independence of the fingers in passage-work, etc.

Although the piano course cannot be offered for completion in an allotted number of years, on account of the greatly varying talent and industry of the individual pupil, the work is divided into three grades, as follows:

COURSE I.—ELEMENTARY. Rudiments of technique; practice in reading; by degrees the major and harmonic minor scales; studies; sonatas of Clementi, Kuhlau, Mozart; easy pieces, musically rendered.

COURSE II.—INTERMEDIATE. Technique; major scales; harmonic and melodic minor scales; studies for velocity and style;

Bach Preludes and Inventions; the less difficult of the Beethoven Sonatas; the artistic performance of romantic and modern compositions of increasing difficulty.

COURSE III.—ADVANCED. Higher Technique; scales; Cramer and Czerny Studies; Bach's Well-Tempered Clavichord; the more difficult Beethoven Sonatas; Chopin and the effective interpretation of concert pieces.

For the piano diploma, a further course of "virtuoso" work is required.

HOME MUSIC COURSE

For the piano pupil who does not aspire to be a concert player or a teacher, but desires training as a practical musician, able to create a musical atmosphere in the home, or to meet the demands arising in social service work, a course has been planned, leading to a Certificate in Home Music.

The requirements for this certificate are as follows: 1. Adequate facility in reading at sight music of moderate difficulty. 2. A playing knowledge of simple chord combinations sufficient for a free harmonization of folk tunes in easy keys. 3. A memorized repertoire of music for various occasions, such as The Star Spangled Banner, America, the Doxology, and several favorite hymns, a march, a waltz, a one-step, a Virginia Reel tune, words and music of several children's songs, a cradle song, etc.

No set amount of time can be named for the completion of this course, which depends upon the ability and ambition of the individual student.

ORGAN

Pupils cannot be given instruction on the organ till such knowledge of the pianoforte has been acquired as will insure satisfactory progress on that more complex instrument, the organ. This demands at least two years of piano study, here or elsewhere.

The aim of this department is to fit pupils for holding church positions. The large organ belonging to the college, and the smaller but very effective instrument in the Congregational church, are at the service of pupils both for instruction and practice.

COURSE I. Clemens' Organ School, or Stainer's Organ Primer; easy trios by Rheinberger and others; Clemens' Pedal Studies; Hymn Playing.

COURSE II. Easier Chorals of Bach and others; Buck's Pedal Studies, Bach's Little Preludes and Fugues; sight-reading of hymns and other ordinary church music; simple pieces.

COURSE III. Bach's Preludes and Fugues; selections from the best composers for organ, such as Guilman, Lemare, Dubois, Hollins, Rheinberger, and others.

For the Organ Diploma a further course of virtuoso work is required.

VIOLIN

The Violin Department is conducted in accordance with the most modern ideas held by the best masters of America and Europe. A practical analysis of bowing and of left-hand technique based on the natural laws of relaxation is taught while especial emphasis is placed upon interpretation, including tone, intonation, etc. The individuality of the pupil is also given due consideration, thus promoting the proper cooperation of teacher and student.

COURSE OF STUDY

COURSE I.—ELEMENTARY. Violin schools of Sevcik, DeBeriot and others, and exercises for bowing and intonation, with particular attention to purity of tone. Interesting pieces.

COURSE II.—INTERMEDIATE. Schools of Sevcik and others. Studies and pieces of medium difficulty for musical as well as technical development. Concertos.

COURSE III.—ADVANCED. Studies by Kreutzer, Rode, Rovelli, Minkous, Meerts, Paganini. Concertos by Spohr, Wieniawski, Mendelssohn, Bruch, Saint-Saens and others.

Diplomas are granted in the Violin Department upon the same conditions as in other departments of instrumental study.

SINGING

COURSE I. Breathing; tone placement; vocalises of Concone and simple songs studied for purpose of breath control, voice placing and enunciation.

COURSE II. Development of tone; study of increasingly difficult songs from both a technical and interpretative standpoint.

COURSE III. Study of recitative and aria from Oratorio and Opera—special attention being given to artistic interpretation.

For the Diploma in Singing an exceptional voice and marked interpretative ability are essential. In addition to the required theoretical courses the candidate must have acquired a sufficient knowledge of French, German and Italian to sing in these three languages, and must be able to play any ordinary piano accompaniment.

PUBLIC SCHOOL MUSIC

To enter this course, the student must have had at least one year of Solfeggio, and must demonstrate ability to read at sight and to play simple accompaniments on the piano.

The method taught is the well-known Weaver method, which has been successfully proved for years in many northern and western centers and has accomplished remarkable results in cities such as Northampton, Mass., Yonkers, N. Y., Hartford, Conn., and Flint, Mich.

The course includes thorough training in sight-singing, pedagogical methods, conducting and actual teaching, an unusual feature of the work being the opportunity given for practice teaching in the Winter Park public school where, by arrangement with the school board, the student is allowed to teach under the direction of the supervisor of music, who is also the head of the Department of Public School Music in Rollins College Conservatory.

PUBLIC SCHOOL VIOLIN CLASS

For two years the Conservatory has conducted an after-school violin class in the Winter Park public school, this work being in charge of the assistant in violin. This class is taught in accordance with the most progressive ideas in such work. It is open to advanced violin students in the Conservatory for practice and observation.

EXTENSION WORK

During the past two years the Conservatory has maintained a very successful branch in the city of Orlando, five miles from Winter Park, where all the practical courses in the curriculum are offered, the work being done by the regular members of the music faculty.

CONSERVATORY TUITIONS

PER SEMESTER OF EIGHTEEN WEEKS

PIANO

For advanced and medium grades, according to instructor:

2 half hours a week.....	\$126.00	\$90.00	\$54.00
2 20-minute periods	90.00	72.00	45.00
1 half hour	72.00	54.00	31.50

For medium and elementary grades:

2 half hours a week.....	27.00
2 15-minute periods	18.00

VOICE

2 half hours a week.....	108.00	54.00
2 20-minute periods	81.00	45.00
1 half hour	63.00	31.50

For medium and elementary grades:

2 half hours a week.....	27.00
2 20-minute periods	18.00

VIOLIN

2 half hours a week.....	72.00
2 20-minute periods	54.00
1 half hour	45.00

For medium and elementary grades:

2 half hours a week.....	27.00
2 20-minute periods	18.00

Class lessons may be arranged at the discretion of the director.

ORGAN

2 half hours a week.....	90.00
1 half hour	54.00

WIND INSTRUMENTS

18 weeks	36.00
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THEORETICAL CLASSES

PER SEMESTER OF EIGHTEEN WEEKS

Charges included in regular College tuition when taken as part of full college or academy course. For special students as follows:

Public School Pedagogy.....	\$50.00
Harmony I and II (3-hour classes).....	15.00
History of Music, Counterpoint (2 hours).....	10.00
Music Appreciation, Musical Essentials, Harmonic Analysis, and other 1-hour classes.....	7.50
Solfeggio	No fee
Piano Sight-Reading.....	No fee

USE OF PIANO FOR PRACTICE

One hour daily	6.00
Each additional hour.....	3.00

USE OF ORGAN FOR PRACTICE

One hour daily	15.00
Each additional hour	7.50
Registration Fee	1.50

Required of all students not paying Student Association Fee.

THE NORMAL COURSE

Students desiring to prepare for teaching and wishing also to have a college diploma can enter College in the usual way and major in those subjects of Pedagogy, Psychology, Language, History, etc., which would give the best general preparation for that profession.

Another way is to take three years at Rollins and then a year of applied work at Tallahassee or a Normal school for which Rollins will give full credit and a Bachelor of Arts degree.

CERTIFICATES

Students completing this course will have the same status as will graduates from the four-year normal course offered by the State University and the State College for Women. The State Superintendent of Education, at present, holds that the law as now on the statute books permits him to grant state certificates without examination only to graduates from four-year college courses. The provisions of the law governing the granting of certificates are stated in the following paragraph:

THE STATE CERTIFICATE

The present state law of Florida provides two ways in which graduates from Rollins College and similar institutions may obtain state certificates.

Under Chapter 7372, Section 17, of the laws as enacted in 1917, any Rollins student regularly graduated since June 15, 1905, may obtain a state certificate without examination by filing with the State Superintendent of Public Instruction his or her diploma, or a certified copy of it, presenting satisfactory evidence of twenty-four months of successful teaching, and paying a fee of five dollars.

Under Chapter 7373, Sections 1 and 2, graduates from the College may obtain state certificates without examination and without meeting any other conditions, provided, first, they have devoted three-twentieths of their time to the study of psychology and education; and, secondly, that the College submits to such inspection and regulations as may be prescribed by the State Board of Education and the State Board of Control; and, thirdly, that the courses of study are found to be the same or equivalent

to those prescribed and sustained by the State University and the Florida State College for Women.

OTHER CERTIFICATES

Candidates for third-grade certificates are required to pass examinations in orthography, reading, arithmetic, English grammar, composition, geography, United States history, physiology and theory and practice of teaching. An average grade of seventy per cent must be obtained in these examinations and no grade shall be below fifty per cent.

Candidates for the second grade certificates must pass an examination on the same subjects required of candidates for the third grade certificate, and on agriculture and civil government and must secure an average grade of eighty per cent, with no grade below sixty per cent.

Candidates for the first grade certificate are examined in physical geography and algebra in addition to the subjects named above, and are required to obtain an average grade of eighty-five per cent, with no grade below sixty per cent.

Third-grade certificates are valid for one year, second-grade certificates for three years and first-grade certificate for five years from the date on which they are issued.

ENTRANCE REQUIREMENTS

Completion of the first two years of high-school work will be required for entrance. Candidates for entrance will be required to submit eight units or credits from some approved secondary school.

SPECIAL REVIEWS

Should a sufficient number of students desire it, special review classes will be formed in the subjects upon which candidates for the first-, second- or third-grade certificates are examined. These classes, if formed, will be designed to meet the needs of public school teachers who cannot remain in school during the winter months. Such review classes will not be formed unless the numbers desiring them justify the College in incurring the expenses involved in providing for the instruction.

NOTE.—For a description of the special courses in Education see under "Philosophy and Education" in the Detailed Explanation of the College courses. Other courses are identical with the corresponding courses in the academy or the college.

DEPARTMENT OF HOME ECONOMICS

This department offers two collegiate courses:

1. A course for women desiring a general knowledge of the subject.
2. A course for those who desire to teach the subject.

Requirements for admission and graduation: Applicant for admission must satisfy the general requirements for admission to the college as stated elsewhere in this catalogue.

For graduation a satisfactory completion of the course of study entitles the student to the degree of Bachelor of Arts.

OUTLINE FOR THE FOUR-YEAR COURSE

FRESHMAN

Subject:

English
 Modern Language
 Chemistry
 Botany or Zoology
 H. E. 1-2.....
 Physical Education

SOPHOMORE

English
 Modern Language
 Chemistry
 Bacteriology
 H. E. 6.....
 H. E. 7-8
 H. E. 5.....
 Physical Education

JUNIOR

Psychology
 Physics
 H. E. 3-4.....
 H. E. 9-10.....
 Economics
 Physical Education

SENIOR

Sociology
 History of Education
 H. E. 11.....
 H. E. 12.....
 H. E. 13.....
 H. E. 14.....
 Public Speaking
 Physical Education

EXPLANATION OF COURSE

1-2. CLOTHING I. Simple clothing problems, principles of construction and cost as applied to undergarments. Pattern making, commercial patterns, paper dress forms and the use of machines. A study of the textile fibres cotton and linens. The designing, cost and construction of a wash dress.

One lecture, two laboratory periods. Credit, 3-3 hours.

3-4. CLOTHING II. Review of Clothing I. Designing, cost and construction of wool and silk dresses. A study of the textile fibres wool and silk.

Prerequisite, Clothing I, lecture, two laboratory periods. Credit, 3-3 hours.

5. DRESS DESIGN. Design principles applied to dress. Study of proportions of the figure and the effect of line, form and color on the figure. A brief study of historic costume and its influence upon present-day dress.

Prerequisite, Design. Two lectures per week, one semester. Credit, 1 hour.

6. TEXTILES. A study of materials considering the microscopic appearance, chemical texts, physical characteristics, price, etc. The hygienic and industrial phases of clothing.

Prerequisite, Chemistry. Two lectures per week, one semester. Credit, 1 hour.

7-8. FOODS I. A study of the principles of the selection and preparation of food. The composition food value in relation to cost, manufacture and adulteration of foods.

Prerequisite or parallel chemistry. One lecture, two laboratory periods. Credit, 3-3 hours.

9-10. FOODS II. A continuation of the study of foods considering especially economic and commercial food problems. The planning, preparation and serving of meals with regard to cost and dietetic value.

Prerequisite, Foods I. One lecture, two laboratory periods. Credit, 3-3 hours.

11. **DIETETICS.** The relation of food to health, balanced rations; dietary standards; influence of age, sex and occupation on diet; construction of dietaries and service of meals are included in the course.

Prerequisite, Foods II. Two lectures, one laboratory period, one semester. Credit, 2 hours.

12. **HOME MANAGEMENT.** A study of the different problems of the household, including standards of living; expenditure of the income, budgets; household accounts and home schedules.

Two lectures, one semester. Credit, 1 hour.

13. **METHOD IN TEACHING.** A survey of home economics. Planning of courses of study in domestic science and domestic art. Lesson plans.

Two lectures, one semester. Credit, 1 hour.

14. **HOME AND COMMUNITY HYGIENE.** The sanitary care of person, clothing and surroundings. Public health movement in relation to the home and the relations of home sanitation to the community.

Two lectures, one semester. 1 hour.

THE ACADEMY

Several years ago the Trustees of Rollins College decided to drop the Academy work and concentrate the resources of the institution on the development of the College.

This policy has been technically carried out, so that Rollins should, in 1923-24,, have only students of college grade. However, the College feels obligated to her old Academy students who, for various reasons, have not been able to finish their senior Academy work, and will accept such for the completion of their college preparatory subjects. Students desiring to take advantage of this opportunity should consult with the Dean concerning the subjects available and the plans for graduation in 1924.

WINTER PARK HIGH SCHOOL

Winter Park has a fine standard senior High School, which is free to all students of the town, whether permanent or transient, and students preparing for Rollins can find first-class accommodations there for all of the preparatory work in that modern educational plant.

EXPENSES

It is a constant aim of the College to provide first-class college advantages to the student at the lowest possible rates. The charge to the student is but a small part of the cost to the College. The balance of the cost is met by the income of the endowment funds, and gifts from trustees and friends of Christian education.

The general expenses for 1923-24 will be as follows:

FOR ONE SEMESTER OF EIGHTEEN WEEKS

Board	\$115.00
Room and light	50.00
Tuition	50.00
Registration (Student Association) fee.....	10.00
	<hr/>
	\$225.00

For the full year of thirty-six weeks (or two semesters) the expense (exclusive of purely personal expense) will be double the above, or \$450.00. The tuition charge of \$100 entitles the student to instruction (theoretical) in all departments. Extra charges will be made for practical music, practical art, science, laboratory, home economic laboratory, expression, typewriting. Additional electric light bulbs required during the year on account of breakage or loss will be paid for by the student.

ADVANCE PAYMENT. All semester bills are payable in advance.

TUITION FOR SHORT PERIODS. No tuition charge of less than \$25.00 or half a semester will be made.

REFUNDS. The necessary expenses of the College are not reduced when a student leaves before the end of the semester. For this reason, no refunds will be made for absence of less than one-half a semester, except for board. The Registration (Student Association) fee is not refunded. No refund will be made for week-end absences.

REGISTRATION AND RESERVATION OF ROOMS. The registration of new students (both Freshmen and students admitted with advanced standing) is arranged in advance of Registration Day. The adjustment of credits should be attended to as soon as possible after graduation from High School.

All rooms must be reserved in advance upon payment of a fee of \$10.00, which payment will apply on the student's semester bill at the opening of the new year. Should a student who has reserved a room by making the advance payment decide not to enter, a refund of this amount will be made, provided such refund is claimed on or before September 1, 1923.

ROOMS. All students not residing in Winter Park and its vicinity or in the homes of immediate relatives, are expected to room in Campus Dormitories unless other arrangements are made with the Dean or Registrar.

All dormitory rooms are furnished with single beds with wire spring, mattresses, dressers, tables and chairs. All other furnishings desired are to be provided by the students. Each occupant of a dormitory room should bring three sheets, one pillow, one pair of pillow cases, one-half dozen towels, blankets and napkins. These articles should be plainly marked with the owner's name.

Each occupant of a dormitory room will be required to sign a receipt for the furniture and equipment of his room and will be held responsible for its return in good condition when he departs.

LABORATORY FEES. All laboratory fees, whether in Science or Home Economics, will be \$5.00 per semester for each course.

SPECIAL EXAMINATIONS:

Special Semester Examinations.....	\$5.00
Special monthly tests	2.00
Special Make-up of failed monthly work.....	1.00

LATE REGISTRATIONS. A fee of \$2.00 will be charged students who enroll after Registration Day.

DIPLOMAS. The fees for diplomas are as follows:

For college degrees.....	\$5.00
For music and academy	3.00
For certificates of graduation	2.00

TYPEWRITING. A fee of \$5.00 per semester will be charged for typewriting.

BOARD. The dining hall is conducted without the idea of profit and for the purpose of providing wholesome food at the lowest possible cost. For periods shorter than a semester, the rate will be \$8.00 per week.

STUDENT ASSOCIATION FEE

Upon registration a regular student (taking nine semester hours, or the equivalent thereto) automatically becomes a member of the Student Association which in general controls the student enterprises. He pays, as a part of his semester bill, a fee of \$10.00 per semester, which constitutes a special fund for the maintenance and business-like management of student activities and campus interests.

All such funds are handled by the College office, and expended only by order of the Executive Committee of the Association and the Faculty Committee on Activities.

Not less than \$75.00 per year of the Association money is devoted to a fund for maintenance of the canoes and boats.

Upon payment of this fee a Student Association ticket is given the student entitling him to (1) a subscription to the *Sandspur*, (2) a subscription to the *Tomokan*, (3) admission to all athletic contests, (4) admission to all concerts and lectures, (5) admission to all debates, (6) support of the Y. M. C. A. or Y. W. C. A., and participation in other activities specified by the Executive Committee.

These activities are conducted by the students, and the Administration of the College is not responsible for producing them. Unexpended money devoted to any activity goes back to the treasury of the College, and cannot be held over to a succeeding year for the benefit of any activity without the vote of the bodies controlling the funds.

"SPECIAL STUDENT" REGISTRATION FEE. Special students (those taking less than nine semester hours or the equivalent thereto) not desiring to become members of the Student Association by paying the regular fee are required to pay a Registration Fee of \$3.00 per semester.

Such students do not have free admission to student activity affairs requiring tickets.

WORKING STUDENTS

A large number of students, especially men, work their way in whole or in part while at Rollins. About one-half of the men do this ordinarily. A student is honored at Rollins for an honest effort of this kind, and many of the best scholars and most worthwhile individuals pursue this method of support

throughout their whole college course. It is best to make arrangements before coming to Winter Park by writing to the Dean or Treasurer, or by being represented by some old student who may know the qualifications of the applicant, and of jobs about the institution. Students often enter College and soon drop into some working position left vacant by changes that are frequently going on.

SCHOLARSHIPS AND SPECIAL ENDOWMENTS

The following scholarships have been established in honor of the persons named who have contributed to the Endowment of the College, or to the special endowment of specific scholarships.

1. **FLORIDA HIGH SCHOOL HONOR SCHOLARSHIPS.** These scholarships are for \$400 each, covering a period of four years, and are paid in installments of \$100 annually. One scholarship is granted to every high school in Florida whose standards are approved by the Dean of Rollins College. These scholarships are awarded on the basis of scholastic standing and leadership. Any student desiring to take advantage of this opportunity should write to the Dean of Rollins College, giving the name of his or her principal, a statement of high school record, and plans for future study.

2. **THE CHASE SCHOLARSHIP**, established in honor of the late Loring Augustus Chase, one of the founders of the town of Winter Park.

3. **THE HALL SCHOLARSHIP**, established in honor of the late Mr. and Mrs. Charles Henry Hall of Evanston, Ill.

4. **THE MARK SCHOLARSHIP**, established in honor of Mr. and Mrs. Charles LeRoy Mark, of Fredonia, New York. Mr. Mark is since deceased.

5. **THE SCOTT SCHOLARSHIP**, established in honor of Mr. and Mrs. John F. Scott, of Pittsburgh, Pa.

6. **THE BURLEIGH SCHOLARSHIP**, established in honor of the late Mrs. Matilda Burleigh.

7. **THE PEARSONS SCHOLARSHIP**, established in grateful recognition of the gift to the College of \$50,000 by the late Dr. D. K. Pearsons, of Chicago, Ill., and donations made to the

Endowment Fund by faculty and students during the years 1903-1905. This scholarship is assigned to the student, preferably of the sophomore class, who is deemed most worthy.

8. THE ANGIER SCHOLARSHIP, established in honor of the late Mr. A. E. Angier, of Boston, Mass., and available for young men only.

9. THE WYETH SCHOLARSHIP, endowed by Mrs. E. J. Wyeth and Messrs. Harry B. Wyeth, John H. Wyeth, Jr., and George A. Wyeth in memory of their husband and father, John H. Wyeth, for many years a member of the Executive and Investment Committees of the Board of Trustees of Rollins College.

10. THE PALMER SCHOLARSHIP, established in honor of the late Francis Asbury Palmer.

11. THE DUVAL SCHOLARSHIP, available for a graduate of the Duval High School, established in honor of the following donors to the Endowment Fund: J. W. Archibald, E. P. Axtell, Hon. N. P. Bryan, Coons and Golden, R. V. Covington, H. & W. B. Drew Co., Col. E. C. Long, Mrs. E. J. McDuff, J. R. Parrott, E. P. Richardson, C. B. Rogers, Charles P. Sumner, Union Congregational Church, Edwin S. Webster and Lorenzo A. Wilson.

12. The income of the Eliza Worthington Fund of \$1,000, created by the Hon. Augustus Storrs Worthington, of Washington, D. C., and Mrs. Lucy Worthington Blackman, of Lake Monroe, Fla., in memory of their mother, is devoted to the maintenance of the Department of Domestic Arts.

13. TWO RHODES SCHOLARSHIPS are offered by the Rhodes Trust, under the provisions of the will of the late Cecil Rhodes, to the college men of Florida, in Oxford University, England. These scholarships are good for three years, and pay an annual stipend of approximately \$1,500. They afford an excellent opportunity to pursue courses of study in the arts, sciences, law, or theology, or in preparation for subsequent medical studies, in one of the most venerable and famous of universities, and to travel extensively in Europe.

NOTE.—Some of the scholarships noted above are available for incoming Freshmen and some of them are available for Rollins students only. For further information write to the Dean of Rollins College, Winter Park, Fla.

DEGREES, DIPLOMAS AND CERTIFICATES CONFERRED AT THE ANNUAL COMMENCEMENT, JUNE, 1922

DEGREES IN COURSE

DEGREE OF DOCTOR OF DIVINITY
WILLIAM HOUGH DRESCH, A.M., B.D.

DEGREE OF BACHELOR OF ARTS
MELITZA IVANA ALEXIJEVITCH
MADELEINE ESTEY APPLEBY WARREN MARSH INGRAM
AMELIA ROY KENDALL IRMA LILLIE SAMPLE
WINIFRED ESTHER STONE RUTH SHERMAN WALDRON

DEGREE OF BACHELOR OF SCIENCE
EVELYN GLADYS HAYNES ALVORD LOVELL STONE

DIPLOMA IN PIANO
MAY ATKINSON BRYAN HAZEL TRUSCOTT WATTS

DIPLOMA IN ORGAN
RUTH SHERMAN WALDRON GERTRUDE CAROLYN DAVIES

DIPLOMA IN PUBLIC SCHOOL MUSIC
RUTH SHERMAN WALDRON REBECCA JANE CALDWELL
FRANCES MARION JAMES ELSA SEIWERT
GERTRUDE CAROLYN DAVIES

DIPLOMA FOR GRADUATION FROM ACADEMY
HOWARD PATON VINCENT FLORENCE MARY EDRIS
CHARLES HAMILTON WARNER JOHN PAUL CONWAY
SAMUEL BOSWORTH SMITH JAMES PRATT FOLEY
CECIL ROY MORE MAXIMO GOMEZ SOLER Y ESTEVAN

STUDENTS

LIST OF STUDENTS, 1922-23

POST-GRADUATE

Hayes, Charles S. Winter Park, Fla.

SENIORS

Bridges, Francis Rhett Monticello, Fla.
 Bumby, Florence Mary Winter Garden, Fla.
 Campbell, Alice Modena Winter Park, Fla.
 Greene, Raymond Wood Winter Park, Fla.
 Kolbe, Elfrieda Elizabeth Lorain, Ohio
 Palmer, Frank Waterman Eustis, Fla.
 Stewart, Rilla Miriam West Palm Beach, Fla.
 Stoner, Margaret Baldwin Boulder, Colorado
 Trowbridge, George Phillips Cleveland, Ohio
 Ward, Charles Edward Miami, Fla.

JUNIORS

Ashburn, Karl Everett Maypearl, Texas
 Converse, Marcia Akron, Ohio
 Darrow, Dorothy Stuart, Fla.
 Emery, Gomer William Grove City, Pa.
 Hanna, Helen Lutz, Fla.
 Haworth, Esther Wauwatosa, Wis.
 Hill, Georgianna Maitland, Fla.
 Johnston, Walter B. Mineral Point, Wis.
 Mabry, T. O., Jr. Verona, Miss.
 McKay, Helen Tampa, Fla.
 McKay, Margaret Tampa, Fla.
 Missildine, Eva Stuart Tryon, N. C.
 Montgomery, Frances Ft. Lauderdale, Fla.
 Page, Lorraine Miami, Fla.
 Potter, Paul Willson West Palm Beach, Fla.
 Simmons, Olga Mountville, S. C.
 Sutliff, Orja Warren, Ohio
 Teare, John C. Warrensville, Ohio
 Thompson, Theodore Campbell Sheffield, Ala.
 Warner, Kenneth Churchill Crescent City, Fla.
 Wendel, Minnie Louise Orlando, Fla.
 Wright, Lawrence Cleveland, Ohio

SOPHOMORES

Atkisson, Curtis T.	Fort Lauderdale, Fla.
Backus, Margaret	Kenilworth, Ill.
Barnes, Fannie Mae	High Point, N. C.
Beall, Catherine	Sioux City, Iowa
Caldwell, Rebecca	Avon Park, Fla.
Conard, Lydia King	Philadelphia, Pa.
Coulson, Bessie	Abilene, Kan.
Davis, Maude B.	Orlando, Fla.
Davis, Virginia	Glencoe, Ill.
Dickinson, Helen	Wilmette, Ill.
Dorsey, Margaret	Louisville, Ky.
Draa, Cecil	Mims, Fla.
Draa, Horace	Mims, Fla.
Faulkner, Maureen	Atlanta, Ga.
Feagle, W. B.	Winter Park, Fla.
Fuller, Mary Ellen	Winter Park, Fla.
Grey, Dorothy E. F.	Oberlin, Ohio
Henderson, Parker, Jr.	Miami, Fla.
Jones, Joseph Scott	Bowling Green, Ky.
Lawton, Elizabeth	Oviedo, Fla.
Little, Ercel	Sanford, Fla.
McConnell, Mildred	Orlando, Fla.
McNeil, Nora	Orlando, Fla.
Meeker, Helen	New York, N. Y.
Parkinson, Edwina	Alva, Fla.
Potter, Douglas Woods	Bowling Green, Ky.
Redding, Raymond	Orlando, Fla.
Reed, Margaret Medora	Fort Lauderdale, Fla.
Sanderson, Martha	Columbus, Ohio
Shreve, Lucie Glover	Atlantic City, N. Y.
Silsby, Harold	Cleveland, Ohio
Starbird, Lillian	Apopka, Fla.
Steinhans, Lambert	Orlando, Fla.
Tessman, Leone	West Palm Beach, Fla.
Thomas, Herbert	Warren, Ohio
Waddell, Frances Marion	Winter Park, Fla.
Wallace, Edna	West Palm Beach, Fla.
Ward, Harold A., Jr.	Winter Park, Fla.
Waters, Lucille	Orlando, Fla.
Warner, Stanley E.	Crescent City, Fla.
Wulf, Roland	Warren, Ohio

FRESHMEN

Amy, Ruth	Sebring, Fla.
Anderson, Eugenia	Auburndale, Fla.
Babich, Peter	Garfield, N. J.
Beasley, Eunice	Orlando, Fla.
Bender, Raymond W.	Warren, Ohio
Blair, Mae	Orlando, Fla.
Bowlby, Margaret	Winter Park, Fla.
Bowman, Beryl	Chattanooga, Tenn.
Brakensiek, Fred	Tyrone, Ark.
Brakensiek, Robert	Tyrone, Ark.
Braunberns, Clarence	Warren, Ohio
Buhner, Mary	St. Petersburg, Fla.
Buton, Aline	Madison, Fla.
Carroll, Louis	Pittsburgh, Pa.
Carter, Walter L.	Oviedo, Fla.
Chandler, E. Russell	Providence, R. I.
Clark, Grace A.	Hollis Center, Maine
Clark, Imogene E.	Gorham, Maine
Colado, Gavino	Tampa, Fla.
Colado, Ramon E.	Tampa, Fla.
Colville, Robert	Tampa, Fla.
Corwine, Brooks	Haines City, Fla.
Currie, Clyde	New Smyrna, Fla.
Dakin, Fern	Gainesville, Fla.
Dennison, Stuart	Winter Park, Fla.
Draa, Clarence	Aurania, Fla.
Dunbar, Eleanor	Spartanburg, S. C.
Duttera, Dorothy	Salisbury, N. C.
Edris, Florence M.	Lokosee, Fla.
Evans, John H.	Macon, Ga.
Faulkner, Katherine	Asheville, N. C.
Felton, John B.	Lake Worth, Fla.
Ferrando, Edith	Orlando, Fla.
Grigsby, Mary A.	St. Petersburg, Fla.
Haines, Webber B.	Medford, Mass.
Hall, Fay	Anderson, S. C.
Handley, C. B.	Monticello, Fla.
Hardesty, Muriel	Seabreeze, Fla.
Harrell, Gretchen	Live Oak, Fla.

Hart, Dorothy	Orlando, Fla.
Heath, Beatrice Mae.....	Orlando, Fla.
Henline, China M.....	Colfax, Ill.
Herrington, Frank Holder.....	Miami, Fla.
Hoeffling, Vinson	New York, N. Y.
Johnson, Vera	Plymouth, Fla.
Johnson, Mary Giles.....	Norwood, Ohio
Joyce, John Franklin.....	Franklin, Tenn.
Kalback, C. Elwood.....	New York, N. Y.
Lenney, Paul	Warren, Ohio
Makinson, Patsy	Kissimmee, Fla.
Marsh, Martha	Avon Park, Fla.
McCall, Rhoda S.....	Albany, N. Y.
McCown, Theodore V.....	Johnson City, Tenn.
McMakin, Dorothy	Orlando, Fla.
McKay, Ada	Tampa, Fla.
Miller, Charlotte Duff.....	Naples, Fla.
Miller, John Bernard.....	Eustis, Fla.
Moore, Arthur	Sanford, Fla.
More, Ray	Haines City, Fla.
Mosher, Herbert	Winter Park, Fla.
Mosher, June	Winter Park, Fla.
Nagel, Virginia	Melbourne, Fla.
Newton, Bessie	Fayetteville, N. C.
Parker, Homer	McMechem, W. Va.
Phelps, Pauline	Youngstown, Ohio
Popper, Dorothy Harrison.....	Orlando, Fla.
Reed, Inez	Fort Lauderdale, Fla.
Richardson, Virginia	Lancaster, Ohio
Roath, Marjorie	Norwich, Conn.
Saunders, K. Martica	Middlebury, Vt.
Scott, John Dayton.....	Oxford, Fla.
Seeds, George	Warren, Ohio
Shreve, Aaron French.....	Atlantic City, N. J.
Spross, Charles	Toledo, Ohio
Taylor, Robert Truman	Oak Hill, Fla.
Thompson, Eva	Sheffield, Ala.
Ufford, Margery	Canastota, N. Y.
Vollmer, Clarence	Luxora, Ark.
Warner, Charles Hamilton	St. Johns Park, Fla.

Watson, Brandt L.	New Smyrna, Fla.
Weissinger, Bingham	Orlando, Fla.
Weller, Nan	Orlando, Fla.
Wilson, Annabeth	Jacksonville, Fla.
Wing, Margaret	Tampa, Fla.
Young, Catherine	Oviedo, Fla.

ACADEMY

Baldwin, Henry Chalmers	Miami, Fla.
Barrett, Mildred	Grand Rapids, Mich.
Bartlett, Allen E.	Orlando, Fla.
Bartlett, James E., Jr.	Orlando, Fla.
Clark, Olin	Avon Park, Fla.
Conner, Dorothy	Lake Gem, Fla.
Conner, Owen	Lake Gem, Fla.
Dickson, Jeanette	Sewickley, Pa.
Duffield, Dorothy	Verona, Va.
Freeman, Wilhelmina	Winter Park, Fla.
Hines, Marion	Auburndale, Fla.
Hoffman, Irma	Altamonte Springs, Fla.
Holiday, Earl	Alturas, Fla.
Holloway, Lynn	Loughman, Fla.
Jacobus, Lucia	Tampa, Fla.
Lingle, Emily	Cobden, Ill.
Luttman, Helene Hilma	New York, N. Y.
Metsinger, Harold	Orlando, Fla.
Morse, Alice	Pinetta, Fla.
Peoples, Fleetwood	Columbia, S. C.
Pryor, Parmelia	Greenwich, Conn.
Roberts, Charles V.	Winter Park, Fla.
Sanford, Fidelia	Winter Park, Fla.
Seeley, Edleigh	Daytona Beach, Fla.
Smith, Myriam	Tampa, Fla.
Van Sinderin, Arthur H.	Albany, N. Y.
Ward, Charles Rodney	Winter Park, Fla.
Wendler, Harry	Orlando, Fla.
Whitmore, Albra	Winter Garden, Fla.
Whitmore, Fred	Winter Garden, Fla.
Winslow, Kenelm	Winter Park, Fla.
Wright, Martha	Cleveland, Ohio

UNCLASSIFIED

Bowers, Gladys	Maitland, Fla.
Childs, Emily	La Grange, Ga.
Conway, Vincent	Warren, Ohio
Cowan, Margaret	Sanford, Fla.
Crabbe, Verdelle	Orlando, Fla.
Edwards, Eleanor	Winter Park, Fla.
Faust, Mrs. Martine	Winter Park, Fla.
Feagle, Mrs.	Winter Park, Fla.
Ford, Louise	Orlando, Fla.
Gibbs, Mrs. Harley B.	
Goble, Mrs. L. B.	Winter Park, Fla.
Goble, Dorothy	Winter Park, Fla.
Guetschow, Margarethe	Winter Park, Fla.
Hall, M. Jessie	New York City
Harris, Nannie D.	Winter Park, Fla.
Hinkle, Mary	Winter Park, Fla.
Hunter, Louise	Winter Park, Fla.
Kilgore, Eloise	Winter Park, Fla.
Mastin, Elaine	Stuart, Fla.
Mong, Bessie	Massillon, Ohio
Shelfer, Mabel	
Scott, Mrs. George E.	Winter Park, Fla.
Smith, Mrs.	Winter Park, Fla.
Vanderpoorten, Eugene	Watseka, Ill.
Webb, Julia	Mount Vernon, N. Y.
Weller, Mrs. Stella	Orlando, Fla.
Wettstein, Charlotte	Orlando, Fla.

CONSERVATORY OF MUSIC—YEAR 1922-23

Any, Ruth	Gobel, Dorothy
Atkinson, Curtis	Greear, Mrs. V. Carter
Autrey, Annie	Grey, Dorothy
Autrey, Gladys	Griffin, Helen
Autrey, Lottie Mae	
Baker, Mildred	Hale, Rodney
Beasley, Eunice	Hardesty, Muriel
Beggs, Laura	Harrell, Gretchen
Belitz, Mrs. Alice	Heath, Beatrice
Burman, Tybel	Herrington, Frank
Bryan, Elliot	Hines, Marion
	Honser, Helen
Caldwell, Rebecca	
Cole, Dorothy	Ives, Mary
Conner, Dorothy	Jacobus, Lucia
Converse, Marcia	Jerome, Mrs. Lou Halstead
Coulson, Bessie	Jacquith, Grace
Culbreth, Melba	Johnston, Walter
	Jones, Joseph
Dakin, Fern	
Darrow, Dorothy	King, Eleanor
Dickinson, Helen	Keezel, Florence
Dodds, Elizabeth	Krauss, Frederick
Donnell, Dorothy	Krick, Mrs. Rose A.
Dunbar, Eleanor	
Eldredge, Lillian	Lord, B. J., Jr.
Edwards, Eleanor	Lord, Waldo
Faulkner, Maureen	Makinson, Patsy
Ferrando, Edith	Marsh, Martha
Ford, Louise	Mastin, Elaine
Fuller, Emma	Maurer, Hazel
Fuller, Frances	Meeker, Helen
Fuller, Lelia	Metzinger, Harold
	Miller, J. B.
Gettier, Lucille	More, Ray
Gibbs, Mrs. Harley B.	
Giles, Betty	McCall, Rhoda
Gladney, Ernestine	McConnell, Herrick
	McConnell, Mildred

McKay, Margaret	Schuman, Edith
McMakin, Dorothy	Scott, Mrs. Geo. E.
McNeill, Mrs. E. H.	Shreve, Lucie
McNeill, Mildred	Shute, Katherine
McNeill, Neal	Slemmons, Mildred
McGuire, Evelyn	Somerville, Martha
McRaney, Ethel	Sprague, Miriam
Nagel, Virginia	Stelle, Virginia
Parker, Homer	Swope, Sidney
Parkinson, Edwina	Swope, Shirley
Perkins, Isobel	Teare, John
Piffard, David	Thomas, Herbert
Portner, Regina	Thompson, Eva
Potter, Paul	Trimble, Gladys
Rambo, Rilla	Wallace, Edna
Redding, Raymond	Ward, Gertrude
Reed, Frank	Warner, Kenneth
Rice, Dorothy	Warner, Stanley
Rice, Owen	Waters, Lucille
Richardson, Virginia	Watts, Hazel
Richman, Jeanette	Wendel, Minnie
Richman, Lillian	Wettstein, Charlotte
Routh, Mary	White, Mrs. Carol King
Salmon, Blanche	Wilmott, Lillie Mae
Sanford, Fidelia	Wing, Margaret
	Wright, Martha

SUMMARY

Post Graduate	1
Seniors	10
Juniors	23
Sophomores	42
Freshmen	85
Academy	32
Unclassified	27
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Total academic	220
Conservatory	120

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